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MAGAZINE

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FROM EDITOR

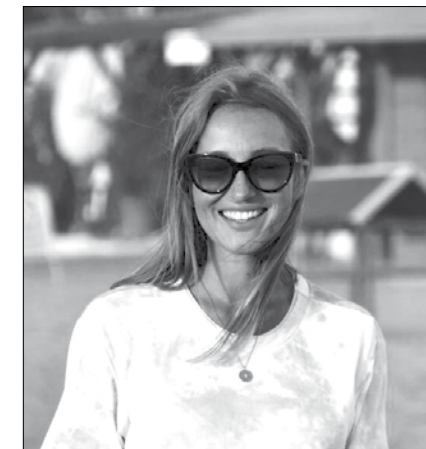
Dear Readers

Welcome to our May edition. This month starts with the exciting event on the first weekend of May. We would like to invite you to the English Championships Final. You can be there to see who will take the titles as the Team Northumbria will face IBB Polonia London in the men's playoff final battle on the 5th and 6th May in National Volleyball Centre, Kettering. Tickets can be bought www.volleyballengland.org. Hope to see you there!

The Breathe Freely campaign influenced my choice for this issue cover story. Construction workers are facing a risk of lungs disorders due to the exposure to dust, toxins and chemicals. Employers are required by law to provide the PPE equipment and implement the health and safety procedures. Read about COSHH requirements and respiratory protective equipment. We have prepared the informative guide for a mask selection and fitting. Find the best prices on face masks and other health and safety products in our depots. Construction managers and workers play a major role in minimising risks. Treat your health and health of your workers seriously.

The first few articles you encounter in this edition features the call on EU builders to remain in the UK construction industry and news about raising the cost of materials. The current economic climate is putting pressure on the industry. Recently, the Federation of Master builders estimated the approximate increase in the value of houses after simple renovation works. Encourage your clients to undertake some of these jobs.

Spring is here for good, and that's the best season for external insulation, facade works or patio doors replacement. Our technology section features guide on retrofitting old patio doors for sliding doors, bi-folds or French doors. Get tips on windows selection, regulations,



building the opening or measurements. For your external insulation project, check out the advantages of IBB Therm system. What's more, there is a guide on solar panel funding in the form of the Feed In Tariff. This will expire next year, so it is the best time to invest now.

The current developments in the technology help running the construction business. In this edition you will find the guide on the best mobile apps on the market from IBB Estimator cost calculator to construction management apps, accounting for builders or labour manager app. I am sure you will find them helpful. Moreover, check out the newest mobile phone for builders. The recent device by CAT costs as much as iPhone but features the robust design and quality applications for your daily tasks on construction sites.

What's more, you will find here the latest updates to regulations. Check out your COSHH responsibilities or this year changes to RIBA construction contracts. Also, I highly recommend our guidance to VAT in construction contracts.

Hope you will find our articles helpful. Enjoy the issue.

Magdalena Rosół
Editor

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Rocketing Materials Prices

Prices of building materials are increasing month by month. According to the latest research by the Federation of Master Builders (FMB) more than half of small building firms have to squeeze their margins and pass the price increases onto their clients.

FMB asked small and medium-sized (SME) building firms which materials are in shortest supply and have the longest wait times. The average results were as follows (in order of longest to shortest wait times):

- Bricks were in shortest supply with the longest reported wait time being more than one year;
- Roof tiles were second with the longest reported wait time being up to six months;

- Insulation was third with the longest reported wait time being up to four months;
- Slate was fourth with the longest reported wait time being up to six months;
- Windows were fifth with the longest reported wait time being more than one year;
- Blocks were sixth with the longest reported wait time being up to four months;
- Porcelain products were seventh with the longest reported wait time being more than one year;
- Plasterboard was eighth with the longest reported wait time being up to two months;
- Timber was ninth with the longest reported wait time being up to two months;
- Boilers were tenth, with the longest reported wait time being more than one year.

Moreover, SME building firms were also asked by what percentage different materials have in-

creased over the past 12 months. On average, the following rises were reported:

- Insulation increased by 16%;
- Bricks increased by 9%;
- Timber increased by 8%;
- Roof tiles increased by 8%;
- Slate increased by 8%;
- Windows increased by 7%;
- Blocks increased by 7%;
- Plasterboard increased by 7%;
- Boilers increased by 7%;
- Porcelain products increased by 6%.

The impact of these material price increases includes:

- More than half of construction SMEs (56%) have had their margins squeezed, this has gone up from one third (32%) reporting this in July 2017;
- Half of firms (49%) have been forced to pass material price increases onto their clients, making building projects more expensive for consumers, this has gone up



from less than one quarter (22%) reporting this in July 2017;

- A third of firms (30%) have recommended that clients use alternative materials or products to those originally specified, this has gone up from one in ten reporting this in July 2017;
- Nearly one fifth (17%) of builders report making losses on their building projects due to material price increases, this has gone up from one in ten reporting this in July 2017.

Brian Berry, Chief Executive of the FMB, said: "Material prices have rocketed over the past year. The reason for this could include the impact of the depreciation of sterling following the EU referendum still feeding through. High demand due to buoyant international markets could also be contributing to price increases. What's particularly worrying is that when prices have increased mid-project, almost one fifth of builders have absorbed the increase and therefore made a loss. Also, if material price

increases weren't enough of a headache for building firms, they are also experiencing material shortages with wait times ticking up across a range of materials and products. Worst case scenarios include firms waiting for more than one year for a new order of bricks."

Berry continued: "The rise in material prices is not just a problem for the country's construction firms – it is also a problem for home owners. Half of firms have been forced to pass these price increases onto their clients, meaning building projects are becoming more and more expensive. This problem has worsened recently with more than twice as many firms passing material prices on to their clients now compared with nine months ago. What's more, home owners should be prepared to have to use alternative materials or products to their first choice. One third of firms have recommended that their clients should use alternative materials or products to those originally specified. Now more than ever, it's important that builders and their clients keep the lines of communication open in order to stay within time and within budget. Specified

products or materials may need to be swapped for alternatives or clients will need to accept the additional cost."

Berry concluded: "We are calling on builders merchants to give their customers as much advance warning of forthcoming material prices increases or wait times as possible so that firms can warn their customers and plan ahead. We are also advising builders to price jobs and draft contracts with these material price rises in mind. The FMB's latest State of Trade Survey shows that almost ninety per cent of building firms are expecting further rises over the next sixth months. This makes quoting for jobs difficult but if builders flag the issue to their client from the outset, and include a note in the contract that prices may be subject to increases, they shouldn't be left short. What we don't want is for the number of building firms making losses on projects to increase as this could result in firms going to the wall. A large number of collapsing construction companies will have a terrible knock-on effect in the wider economy."

(Source: FMB)

We invite you to cooperate with IBB Builders Merchants

The UK construction market is extremely volatile to the economical and political changes. Recently, the Brexit referendum and the next year EU exit by the UK put risk to the construction industry. First signs are the lack of skilled labour and increasing materials prices. Moreover, in first quarter of 2018 the output dropped due to longer than usually winter fall season with snowy weather.

Commenting on the results, Brian Berry, Chief Executive of the FMB, said: "The latest PMI data shows the fastest drop in construction activity since July 2016. The unusually cold and snowy weather experienced across the UK last month is partly to blame for this set-back. The cold snap impacted on a broad array of construction projects, including house building, domestic refurbishment and large civil engineering projects. Many small builders across the country were forced to close sites for more than a week and some employers reported

that it was too cold to lay bricks."

Berry continued: "Alongside the snow, the cost of doing business is rising for the UK's construction firms. Wages and salaries are all rocketing because of the ever worsening skills shortages in construction. What's more, material prices have been rising steadily since the depreciation of sterling following the EU referendum. Increased prices for metals and insulation in particular were noted in March. We expect material prices to continue to cause a headache for the construction industry with recent research from the FMB showing that 87% of builders believe that material prices will rise in the next six months."

Berry concluded: "More broadly, the future is still looking incredibly uncertain for the UK construction sector. We still don't know what the post-Brexit immigration system will look like and given that businesses need to plan ahead, this could also be putting a brake on growth in the construction sector. This is especially the case for construction – our sector is heavily reliant on EU tradespeople with more than 8% of construction workers hailing from the EU. In London, this rises to one third. The Government must take stock of today's results and redouble its efforts to provide post-Brexit clarity to businesses. We need to know what we can expect

from the new immigration system – we need to know what will replace free movement of people." In this difficult times choose the best partner to do business with.

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- quotations
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- help in finding skilled workers
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- tutorials on building technologies in IBB TV youtube channel
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- invitation to sport community around IBB Polonia London VC
- training and courses accredited by products manufacturers



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Call on all EU builders to stay in the UK

What are your plans for the near future? Have you noticed the change in your business after the Brexit referendum? Are you worried what will happen to your business after Brexit? Do you have problems to find skilled workers? Have material price increases impacted your business? Have you noticed the decrease in the number of tenders?

With exactly one year until Brexit, construction employers in the UK are praising the quality of their EU workers and encouraging them to stay.

The key findings from the FMB's research on how the bosses of small and medium-sized (SME) construction firms view their EU workers includes:

- 94% of firms describe the quality of EU workers they employ as 'good' or 'very good'

- 85% of construction SME employers that employ EU workers say that these workers are important in allowing their business to maintain and expand its workforce
- 76% of these firms say it would have a negative impact on the health of their business if any of the EU workers they employ returned to their country of origin, now or post-Brexit.

Brian Berry, Chief Executive of the FMB, said: "With exactly a year to go until 'Brexit Day', our research demonstrates the extent to which the UK construction industry values its EU workers. More than 90% of firms describe the quality of their EU workers as good or very good. What's more, three-quarters of firms that employ EU workers think it would have a negative impact on the health of their business if these individuals returned to their country of origin, now or post-Brexit. The UK construction sector is more reliant than most on migrant workers from Europe – at present, 9% of our

construction workers are from the EU. In London, this rises for nearly one third. Given the severity of the skills shortages we already face, retaining these workers is business-critical."

Berry concluded: "Our research sends a strong and positive message to from the construction industry to its EU workers. We're now calling on the Government to step up and help us convince our EU workers that they are needed and warmly welcome. Ministers recently announcement that those who have lived in the UK for five years, or those who arrive from the EU during the transition period, will be able to apply for settled status. This is a huge step in the right direction, and what we were calling for, yet we question how well the Government has communicated the news. We're already seeing EU workers return home for financial reasons, or simply because they don't feel welcome, so time is of the essence. The Government and the industry must do all that they can to put positive messages across to our vital and highly-valued EU workers."

(Source: FMB)



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Cat® phones announced in February this year the launch of its new flagship device, the Cat S61. It is the upgrade to the earlier model Cat S60 with enhanced FLIR® thermal imaging capability, built-in laser assisted distance measuring, and an indoor air quality sensor. The Cat S61 is the most advanced tool yet to help get the job done.

The Cat S61 boasts an integrated FLIR thermal imaging camera with enhanced software for greater image contrast, expanded temperature range to 400 degrees Celsius, and an upgrade from VGA to High-Definition detail from the visible camera providing unmatched image optimization using FLIR's MSX® technology.

These new features allows for portability, connectivity, and greater image quality. Cat S61 is used for vehicle diagnostics, asphalt monitoring, and higher temperature equipment monitoring, detecting heat loss around windows and doors, spotting moisture and missing insulation, identifying over-heating electrical appliances and overloaded circuitry, and seeing in complete darkness or through obscurants such as light fog or smoke.

CAT S61 Smartphone

Mobile Phone

for Builders

TECHNICAL SPECIFICATIONS



DISPLAY

Super Bright 5.2" Display - FHD (1920 x 1080) IPS, auto switch support and wet-finger / glove-on working technology*

DISPLAY COVER

Corning® Gorilla® Glass 5

MEMORY

64 GB ROM
4 GB RAM
(Expandable via microSD™ card)

PROCESSOR

Qualcomm SD630 Octacore 2.2GHz

PLATFORM (OPERATING SYSTEM)

Google Android™ Oreo (with upgrade to P)

MULTIMEDIA

Audio: FM Radio, Music Player
Video Recording: 3840 × 2160 at 30 fps
Video Playback: 3840 × 2160 at 30 fps

DATA SPEED†

Maximum Downlink Data Rate: 600Mbps
Maximum Uplink Data Rate: 150Mbps

HARD KEY

Side: Power key, volume (up/down), programmable key,
Front: Home, back, recent app

SENSORS

Thermal camera (FLIR®)
Indoor Air Quality Sensor (humidity & temperature)
E-compass
Proximity Sensor
Ambient Light Sensor
Accelerometer
Gyroscope
Location
Barometer

DIMENSIONS & WEIGHT

150 x 76 x 13mm
Weight: TBC

OTHER

LED notification (3 colours)
Apps: AVG, Office Suite, File Commander, App Toolbox

BEYOND RUGGED

Ingress Protection (IP68):
Sand, dust and dirt resistant
Waterproof: Up to 3M for 60 minutes

Drop Tested: Up to 1.8M (6 ft) onto concrete

MILITARY STANDARDS

MIL SPEC 810G:
Thermal Shock: handles low to high temperature differences between -30°C (-22°F) to 65°C (149°F) for up to 24hrs**
Resistant to vibration: Category 4
Resistant to humidity and salt mist

CAMERA

Main: 16MP autofocus with PDAF, Dual LED flash
Thermal: FLIR® Lepton
Front: 8MP fixed focus

BATTERY

Capacity: 4500mAh, Quick charge 4.0 compatible
Type: Non removable Lithium Ion
Standby & talk-time hours TBC

NETWORK

EU Version:
4G Bands:
1, 2, 3, 5, 7, 8, 19, 20, 26, 28, 38, 39, 40, 41 (EU/ROW);
1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 25, 26, 28, 29, 66 (Americas)
3G Bands:
850, 900, 1700, 1900, 2100 (EU/ROW);
850, 900, A WS, 1900, 2100 (Americas);
2G Bands:
850, 900, 1800, 1900

CONNECTIVITY

Audio Jack: 3.5mm
Bluetooth®: 5
NFC: Yes (Android Pay™)
Wi-Fi®: 802.11 b/g/n (2.4 & 5GHz)
USB: USB Type C, USB-OTG
SIM Type: Nano SIM (dual and single SIM variants)
GPS: GPS, Glonass, BeiDou (variant dependant), Galileo, QZSS and SBAS + iZat

† Network bands in regions may be different, depending on the mobile operator and your location. Upload and download speeds also depend on the mobile operator. Available storage is less due to phone software. Battery times (talk time, standby time, and more) are based on 3G and are subject to network and phone usage. Note: Specifications are subject to change without prior notice.

*We cannot guarantee that all gloves will work with this feature.
**Various temperatures and time-cycles tested.

catphones.com



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BUILT FOR IT.™

The MyFlir® application has also been upgraded on the Cat S61 and now features live streaming of thermal imaging, on-device Tips and Tricks and a Community Forum that help users get the most out of the S61's thermal imaging capabilities.

The Cat S61 also includes an indoor air quality sensor from Sensirion to alert users to high levels of indoor air pollutants (Volatile Organic Compounds or VOCs) in their working environment. Common sources of VOC's include paints, solvents, carpets, furniture and cleaning products, all common on construction site. The Cat S61 will keep watch over indoor air quality levels and inform users when an unhealthy environment is detected, allowing them to make timely decisions such as opening a window to improve ventilation or taking a break. The sensor can also provide humidity and current temperature readings.

The Cat S61 also comes with laser assisted distance measurement which can measure point-to-point distances up to 10m, then calculate area, and switch between Metric and Imperial measurement. All data is saved within the image so alternative measurement estimates can be taken or adjustments made without returning to the site.

Cat S61 is perfect tool for construction workers. For instance, electricians can use thermal imaging to analyse a fuse box or wiring system, and the laser assisted distance measurement to estimate how much cable is required for the job. They can also live stream results back to base should they need further advice from a colleague.

The Cat S61 has a large 5.2" FHD screen, protected by Gorilla Glass 5 and optimised for outdoor use. It also boasts leading rugged credentials. It is IP68 dustproof and waterproof up to 3m for 1 hour. It conforms to MIL Spec 810G, and it is built to survive repeated drop-tests onto concrete from 1.8m. All these features are important to Cat phone customers who often use their phones to read and format plans and invoices while out on the job.

Peter Stephens, CEO Bullitt Group, global mobile device licensee for Caterpillar, said: "We know that 60% of Cat S60 customers use the integrated thermal camera at least once per week and the temperature and resolution improvements found in the new Cat S61 will open up thermal imaging to many more users and use cases. Packing in even more genuinely useful tools of the trade means there's simply no other smartphone out there that can do everything the S61 can. We are incredibly proud of it."

Frank Pennisi, President of the FLIR Industrial Business Unit, commented: "We are excited to



support Bullitt Group through our Thermal by FLIR partner program and integrate our micro thermal imaging camera on the next generation Cat S61. The Cat S60 proved to be an incredible vehicle for introducing more people to the benefits thermal imaging and we look forward to expanding that further with the Cat S61."

The Cat S61 will be available in the second quarter of 2018 at the cost of £799. You can order it from www.catphones.com and selected retailers.

Cat S61 key features:

Leading rugged credentials:

- Aluminium reinforced die-cast frame
- MIL Spec 810G
- Built to survive repeated drop tests onto concrete from 1.8m
- IP68 dustproof and waterproof, tested in water up to 3m deep for 1 hour
- Screen protected by the latest Corning® Gorilla® Glass 5
- FLIR Thermal camera: Lepton
- Increase measurable scene temperature range -20°C to 400°C
- Enhanced MyFLIR app with Live Streaming of thermal images
- Improved FLIR MSX image resolution
- Laser assisted area and distance measurement, up to 10m
- VOC indoor air quality meter and humidity sensor
- Android™ Oreo (with upgrade to P)
- 5.2" FHD bright display, optimised for outdoor use touch screen can be controlled with gloves on or with wet fingers
- Large 4500mAh capacity battery, QC4.0 compatible
- 16MP rear camera, 8MP front camera, 4K video
- 4GB RAM, 64GB ROM (expandable with MicroSD)
- 2.2GHz Octa-core processor (Qualcomm Snapdragon 630)
- LTE Cat 13, VoLTE, VoWiFi
- Enhanced GPS, BT5.0, NFC, dual band WiFi (2.4GHz/5GHz)
- Curated app catalogue for rugged device users

To find out more about Cat phones visit www.catphones.com.

Secret building projects

Recently there has been an increase in the "secret building" cases founded by local planning officers. Homeowners should be aware that planning departments will look for potential breaches and that breaching planning regulation has consequences.

Homeowners looking to extend their property should also make sure they have the correct permissions in place before building begins. One recent case relates to a planning breach in Leicestershire for building a "secret house" in a garage, where a couple - Reeta Herzallah and Hamdi Almasri - were ordered to pay more than £2,000 each for deliberately trying to hide the "habitable accommodation." The BBC reported that Ms. Herzallah said the couple were "hard working" and "law abiding" and that they'd been advised by a builder that the conversion, in Old Church Road, was permitted. With cases like these becoming more common, homeowners should be aware that there are building regulations products that potentially cover local authority enforcement action for breaches. Building regulations insurance will typically be used by new purchasers where additions to the property are apparent, but in

this case there is no evidence that building regulations consent has been obtained.

Wesley Timothy, LLB (Hons), Senior Underwriter at DUAL Asset Underwriting, a legal indemnity and title insurance specialist, says: "From an insurance point of view, whilst there are insurance products available that cover building regulation breaches, this particular case is a bit of a tricky one. "We could potentially have covered an innocent purchaser and/or their lender for their respective losses down the line, but not Reeta Herzallah and Hamdi Almasri."

He continues: "It should also be clear that the onus for arranging planning permission should be with the homeowner, or by a reputable builder, who will clearly evidence the agreed planning permission before any work starts. "Whilst this may seem like a headache and delay getting started, as we can see from the case above, having the correct planning can save you a lot of potential issues down the track."

The failure to obtain planning permission or comply with the details of a permission is commonly known as a 'planning breach'. A planning breach usually occurs when:

- A development that requires planning permission is undertaken without the permission being granted - either because the planning application was refused or was never applied for.

- A development that has been given permission subject to conditions breaks one or more of those conditions.

A planning breach in itself is not illegal and the council will often permit a retrospective application where planning permission has not been sought. However, if the breach involves a previously rejected development (or the retrospective application fails) the council can issue an enforcement notice requiring you to put things back as they were. Your local planning authority can serve an enforcement notice on you when they consider you have broken planning control rules. Normally this will be because they consider what you are doing, or have done, is harmful to your neighbourhood. The decisive issue for the local planning authority should be whether the breach would unacceptably affect public amenity or the existing use of land and buildings meriting protection in the public interest. It is illegal to disobey an enforcement notice unless it is successfully appealed against. You can appeal against both refusals of permission and enforcement notices but if the verdict comes out against you and you still refuse to comply you may be prosecuted.

More information about planning permission can be obtained at www.planningportal.gov.uk. To find out more about DUAL Asset Underwriting visit www.dualasset.com.

Openreach search for trainee engineers

Openreach - the business responsible for Britain's largest phone and broadband network is seeking further local applicants as parts of its largest ever recruitment drive in the UK. The new recruits are set to play a vital role in Openreach's plans to build more ultrafast Fibre to the Premises (FTTP) broadband across the country.

Twelve new fibre engineering schools are being established in the UK, including one in Cheney Manor Road, Swindon, with hundreds of thousands of pounds being invested equipping the centres with the latest fibre engineering training facilities.

Emma Howarth, programme director for Openreach in the South West, said: "The trainee engineer roles are proving popular and the vacancies are being filled rapidly. We have already received applications from more than 200 people in Swindon and the surrounding area, but we still have places available and would encourage even more local people to come forward.

"Being an Openreach engineer is an exciting and

rewarding job with great career prospects. Successful applicants will receive the very best training and support. They don't need to have had any previous engineering experience. We are committed to building a diverse workforce with people from all walks of life and different backgrounds."

Among the recent recruits in the Swindon area is Mike MacPhee, who joined Openreach in 2015. He said: "The job has proved to be everything I hoped for – and more. The work is varied, the training very comprehensive and I enjoy getting out and about meeting customers. Whether you are installing a new service or fixing a fault, you feel that you are really making a difference and playing a key part in delivering an essential service for local people."

Openreach is Britain's digital network business. Their mission is to build the best possible network, with the highest quality service, making sure that everyone in Britain can be connected. Openreach works on behalf of more than 590 communications providers like SKY, TalkTalk, Vodafone, and BT, and our fibre broadband network is the biggest in the UK, passing more than 27 million premises. Over the last decade, more than £11 billion was invested into the network and Openreach now manages more than 160 million kilometres of cable stretching from Scotland to Cornwall, from Wales to the east coast. Openreach is a wholly owned and independently

governed division of the BT Group, and it is a highly regulated business, with more than 90 per cent of our revenues generated from services that are regulated by Ofcom.

Openreach provides training, tools and experience in engineering. Successful trainees after the first year will have achieved a qualification for IT and Telecoms professionals. English and Welsh joiners will complete BTEC Level 2 Diploma in Professional Competence for IT and Telecoms Professionals (QCF) and Scottish joiners will complete a diploma for Information Technology and Telecommunications Professionals at SCQF Level 5. The work with Openreach gives great start onto higher graded engineer roles. For details on application process visit <https://www.btplc.com/Careercentre/careersatbt/openreach/Engineers/index.htm>

Openreach HR Director, Kevin Brady said: "We're getting on with the job of delivering ultrafast Britain, and that's why our recruitment plans for 3,500 field engineers are our most ambitious ever."

Openreach is actively recruiting for field based engineers for an immediate start this year in London, and we'll be hiring more engineers in the capital next year to help build and maintain our growing network. We're looking for engineers with an ability to connect with people, and a willingness to get stuck in.

(Source: BT Plc)

Freelance Builder Pay Trends

Hudson Contract delivers the most accurate indications of pay trends across the construction industry, using payroll data for over 2,200 construction companies to publish the average pay for a spectrum of 17 different trades split across ten regions.

Their 'Window on the Construction Industry' gives hard figures and data, with pay averages that reflect the amounts paid by a sample number of businesses – large and small – to specific trades.

As predicted, the Beast from the East has bitten a chunk out of freelance builder earnings in February. Thousands of sites across the country were frozen for the last week of the month, impacted by arctic temperatures, travel chaos and Britain's inability to deal with snow.

"Having said that, it could have been worse," comments Hudson Contract Managing Director Ian Anfield. "Even in the South-West, where earnings have been most seriously affected, to be down only

6.7% per cent – £45 a week – isn't so bad. The weather warnings were issued well in advance, and in many cases the freelancers were able to put in extra hours before and after the weather turned. As always, that's the huge advantage of using labour-only subbies – the flexibility to put in extra hours ahead of a foreseeable event like the Beast, and avoiding the expense of having to stand down your employees when weather forces everyone to stop work."

Despite the weather, some trades nevertheless managed to increase their earnings:

- Plastering: +3.41%
- London plasterers doing particularly well
- Shopfitting: +0.97%
- Retail on the rise in the West Midlands
- Electrical: +0.72%
- Wales keeping busy

The biggest losers:

- Steel & Timber Frame Erection: -14.44% - London grinds to a snowy halt
- Insulation: -7.29% - Feeling the chill in the North-West
- Demolition & Wrecking: -6.76% - Earnings crash in the South-East

Turning to the national picture, construction output plummeted more steeply than at any time since the EU referendum in June 2016, according to the latest CIPS/IHS Markit UK Construction Purchasing Managers' Index which dropped below the no-change threshold of 50 to 47 last month due to the weather and "woefully unprepared" supply chains.

"The general feeling in the industry is that this is just a small road bump, and everyone will bounce back once Spring is properly underway," Ian Anfield says. "Confidence is also high among those in the M&E sector, which is really positive news, given Carillion's collapse. And at least the problem of late payment, which forces the closure of at least 50,000 businesses a year, is now coming under official government scrutiny. Payment abuse is a key issue in construction and a major change – such as putting cash retentions in trust, which is now being mooted – would boost the sector overnight." London 3 year average pay per week for all trades and all ages is approximately £833.00.

Source: Hudson Contract Services Ltd



This May visit GRAND DESIGNS LIVE

Grand Designs Live is the self build and home improvements event sponsored by Anglian Home Improvements. This well known event returns to London's ExCeL from 5 – 13 May 2018.

It is the place for those who are planning a self-build, extension or renovation projects. During the show visitors will have a chance to discover the latest innovations, explore this year's trends and preview unseen products. From free expert advice, new product launches and over 500 specialist exhibitors in six project zones, there is something for every home project at this multi-award winning

event. Grand Designs Live is based on the Channel 4 series and presented by Kevin McCloud. There are 8 zones available to explore during the show: Build, Garden, Interiors, Kitchen & Bathrooms, Technology and Design Arcade

Plan ahead to be there and get the best tips on planning your own Grand Design.

(Source: granddesignslive.com)

Solar Panels Funding

Last year for Feed-in Tariff

The Government aid for the use of renewable energy sources has changed from previously given solar grants or free solar panels. According to the EU's Renewable Energy Directive member countries target is to reach 20% renewables before 2020. The UK Government to April 2019 still offers the incentive for those interested in solar panels known as the Feed-in Tariff (FIT).

A solar battery allows to store excess electricity produced by solar panels. Homeowner can apply to get payments from the energy supplier if he generates his own electricity. Under the Feed-in Tariff homeowners are paid for the electricity they generate if they install eligible solar PV, a wind or hydro turbine or micro CHP.

FITs payments come in the form of:

- Generation tariff (rates varies depending on the size of the system, technology, energy efficiency of the house etc.). It is assessed and agreed in the contract after successful application.
- Export tariff, which allows homeowners to sell their electricity for 4.85p per unit (an export meter might be required). Energy Saving Trust provides the online calculator where you can estimate how much you could save with solar panels.
- Energy bill savings as there is no need or reduced amount of energy bought from energy supplier. The amount of saving depends on how much electricity is saved

The income from FIT scheme is tax free. Tariffs are published every three months on OFGEM website <https://www.ofgem.gov.uk/environmental-programmes/fit>

Solar photovoltaic (PV) panels (either roof mounted or free standing) with a total installed capacity (TIC) of 5MW or less are eligible for the FIT scheme. However, to qualify for FIT scheme it is required to use both products and installers certified under the Microgeneration Certification Scheme (MSC). The tariffs offered will depend on the solar PV product installed, eligibility date and property Energy Perfor-

mance Certificate (EPC) rating. If the property is a band A to band D the higher tariff rate will apply.

Solar panels cost vary depending on size and the capacity. It ranges between £1,5k and £8k. Household of more than 3 people will need 3kW or 4kW solar system that cost over £6k. The cost of solar battery storage systems range from £1,5k up to £6k. On the market there are also offers of combined solar panel and battery storage. Such 4kW solar panel system with a 4kW solar battery typically costs between £10k and £12k.

On the Energy Saving Trust website there is the solar energy calculator that allows to estimate the savings and income from your solar panels. Check it out here: <http://www.pvfitcalculator.energysavingtrust.org.uk>

Moreover, the Energy Saving Trust recommends to use their Renewable Selector to see if the building is suitable for solar panels. Generally, for the best performance the solar panels installation is recommended for roofs facing south and at a pitched angle. In other conditions apart of north side the income will be reduced. On roofs facing north solar panels are not recommended. In the UK the standard solar panels need to cover

approx 15 to 25 square metres. For example, a 3kWp system could comprise 15 panels taking up an area of 20 square metres and will generate roughly 2,500kWh per annum.

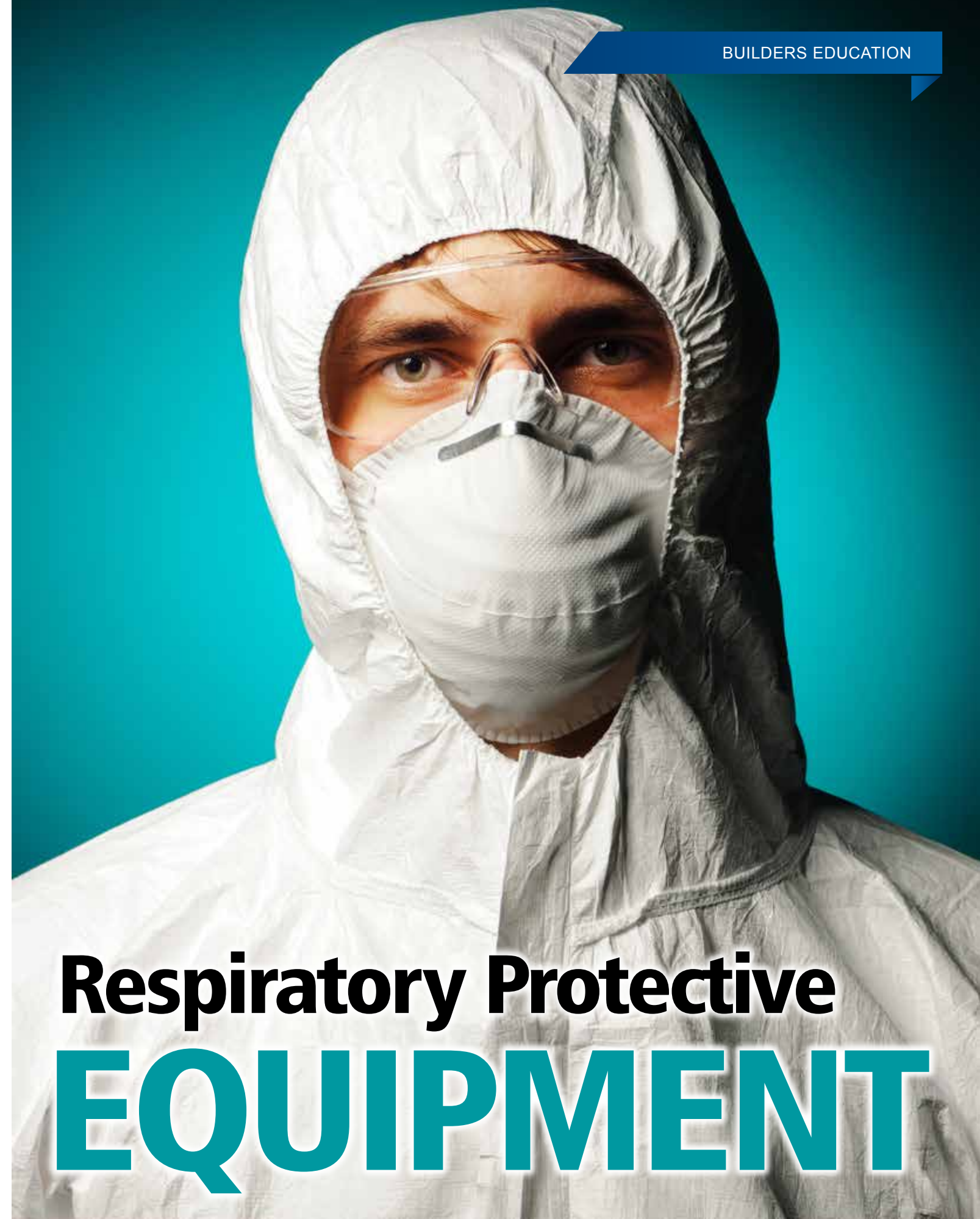
Solar panels installation on the roof is usually treated as a permitted development, but we advise to check with the local authority as some conditions may apply, for instance:

- not permitted installation on any part of the external walls of the building if the building contains a flat,
- not permitted if panels when installed on a flat roof are situated within 1 metre from the edge of the roof or protrude more than 1 metre above the plane of the roof
- not permitted if panels when installed project higher than the highest point of the roof (excluding the chimney)
- not permitted if the building is within a conservation area or World Heritage Site and the solar PV or solar thermal equipment is installed on a roof which forms the front of the building and is visible from the road.

Application for FIT Scheme

First of all, to apply for FIT both product and installer has to be MSC registered. The installer is obliged to register the installation on the MSC database. Contact the FIT supplier / licensee with the MSC certificate, application form, Energy Performance Certificate (the EPC will need to be dated before the commissioning date of your PV system to be eligible for the higher tariff). After eligibility checks, the applicant will be added to the Ofgem Central FIT Register. There is a cap limit on applications for a FIT license. If the application is affected by a cap it will be placed in a queue for subsequent tariffs. The registration guarantee homeowner payments for the 20 year lifespan of the Feed-in Tariff regardless of any future cuts to the scheme. The Feed-in Tariff is reduced every three months, so the sooner homeowners install solar panels the higher FIT tariff rate they will get. Homeowners who own solar panels say that even without FIT scheme, the installation is profitable as solar panels significantly reduce energy bill and improve environmental footprint. For more information on renewable energy visit www.energysavingtrust.org.uk

(Source: Energy Saving Trust)



Respiratory Protective EQUIPMENT

Employers have duties concerning the provision and use of personal protective equipment (PPE) at work. PPE protects workers against health and safety risks at work. It include items like safety helmets, gloves, eye protection, high-visibility clothing, safety footwear and safety harnesses. It also includes respiratory protective equipment (RPE). Employers are responsible for providing, replacing and paying for personal protective equipment.

The basic requirements include the protection of:

- the lungs, eg from breathing in contaminated air
- the head and feet, eg from falling materials
- the eyes, eg from flying particles or splashes of corrosive liquids
- the skin, eg from contact with corrosive materials
- the body, eg from extremes of heat or cold

Employers are required to assess health and safety risk and implement measures to control the risk. PPE if needed after implementation of other controls have to be provided for free to every employee. Contractor is responsible to ensure employees are trained to use the equipment and know how to maintain it and detect any damages.



In IBB Builders Merchants depots you will find the range of high quality respiratory protective equipment like filtration half masks used to protect the respiratory tract, in all filtration classes: FFP1, FFP2 and FFP3.

Half masks by Oxyline Sp. z o.o. are manufactured using materials of the highest quality and best technologies, in line with the most up-to-date European standard EN 149:2001+A1:2009. All products comply with the requirements laid down in the European directive 89/686/EEC and have CE mark (CE 1437).

The wide range of makes available make it possible to select an appropriate half mask respirator for any operating conditions, in order to give each worker comfort and to protect the respiratory system efficiently against the harmful impact of dusts, solid and liquid aerosols.

Half mask respirators by Oxyline Sp. z o.o. are marked with the symbol R (reusable) or NR (non-reusable). Half mask respirators marked with the symbol R can be used again, for instance on the next day, in line with the EN 149:2001+A1:2009 standard, after disinfecting with a suitable liquid or a disinfecting lamp. Half mask respirators marked with the symbol NR can't be used again.

The respirator **X 110 FFP1 NR D** and the respirator **X 110 V FFP1 NR D** are designed to protect respiratory system against harmful effect of dust, solid and liquid aerosols (dust, smoke, mist) when OEL is $\geq 2\text{mg}/\text{m}^3$ and the concentration of dispersed phase of aerosol does not exceed:

- 4 x OEL (Occupational Exposure Limit),
- 4 x NPF (Nominal Protection Factor),
- 4 x APF (Assigned Protection Factor).



Application examples: nontoxic dusts, food industry, agriculture, application in quarries, cement institutions, wood industry with soft wood processing (coniferous), and particularly to such dusts as calcium carbonate, natural and synthetic graphite, plaster, chalk, cement, marble, vegetable dusts, cellulose, sulphur, cotton, filings of iron metals, coal dust containing less than 10 % of free silicon. Respirators without exhaust valve are designed mostly for work not requiring material physical effort.

The respirator **X 210 V FFP2 NR D** is designed to protect respiratory system against harmful effect of dust, solid and liquid aerosols when OEL is $\geq 0,05\text{ mg}/\text{m}^3$ and the concentration of dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit), 10 x APF (Assigned Protection Factor), 12 x NPF (Nominal Protection Factor). Examples of application include: medium toxic solids, asbestos, copper, vanadium, chromium, manganese, hardwood, coal dust with free silica content higher than 10%, mining industry, chemical industry, metallurgic industry, welding, soldering, respirable dusts



The respirator **X 310 SV FFP3 NR D** is designed to protect respiratory system against harmful effect of dust, solid and liquid aerosols when OEL is $\leq 0,05\text{ mg}/\text{m}^3$ and the concentration of dispersed phase of aerosol does not exceed

SAFETY FIRST

GO HOME HEALTHY

YOUR BRAND HERE

Be aware of the regulations, you are protecting your own life and that of other people around you.

TERRY McGOUGH
FORMER STONEMASON DIAGNOSED WITH SILICOSIS AGED 51



JOIN THE CONVERSATION AT #WORKRIGHT

GO HOME HEALTHY

He wasn't provided with overalls, the dust would be all over his clothes.

CHRISTINE McGOUGH
TERRY, CHRISTINE'S HUSBAND WAS DIAGNOSED WITH SILICOSIS AGED 51

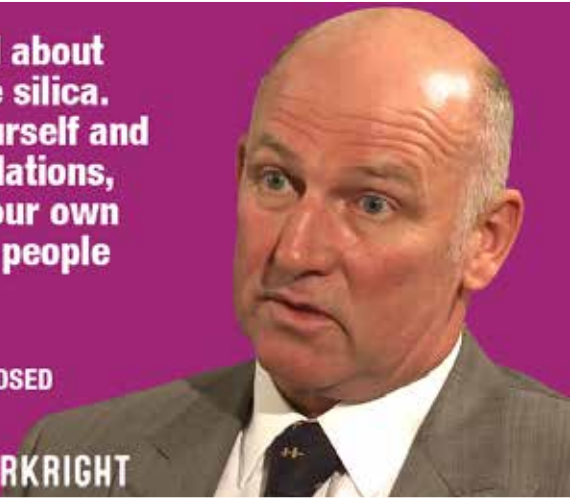


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GO HOME HEALTHY

They never, ever said about respirable crystalline silica. You must protect yourself and be aware of the regulations, you are protecting your own life and that of other people around you.

TERRY McGOUGH
FORMER STONEMASON DIAGNOSED WITH SILICOSIS AGED 51



JOIN THE CONVERSATION AT #WORKRIGHT

GO HOME HEALTHY

12 000
WORKERS DIE EACH YEAR FROM WORK-RELATED LUNG DISEASE

JOIN THE CONVERSATION AT #WORKRIGHT

MODEL FOR ILLUSTRATION PURPOSES ONLY



30 x OEL (Occupational Exposure Limit), 30 x APF (Assigned Protection Factor), 50 x NPF (Nominal Protection Factor). Examples of application include: high concentrations of respirable dusts, welding and soldering, protection against dusts containing beryllium, antimony, arsenic, cadmium, cobalt, nickel, radium, strychnine, radioactive particles.



The **SMOG X 200 V** is one of the simplest and lightest models on the market, providing a high level of comfort for people sensitive to facial covers. The half-mask design allows free breathing, and so is useful in daily life, on the way to work or school. Filtration protects our respiratory system, so it is advisable to use the anti-smog half-mask even on short-time stays in environments where smog norms are exceeded. The anti-smog half-mask protects the respiratory system against the inhalation of PM10 and PM 2.5 dust, connected to smog, along with the carcinogenic, polycyclic aromatic hydrocarbons (PAHs) that often attach to them: benzo(a)pyrene, naphthalene – carcinogenic and strongly poisonous substances. The SMOG X 200 V model filters particles smaller than 2 µm in diameter.

The filtering half masks are made of filtering

without a valve) or through both the exhalation valve and the filtration material (in models with a valve). The cup of the mask should be well adjusted to the user's face. The half mask is designed in such a way as to enable easy breathing throughout the work shift. The anatomical shape and the nose clip, as well as the internal sealing foam, make the half mask easy to fit to most face shapes, so that the necessary tightness can be ensured.

The half mask does not supply oxygen. It does not ensure protection of the respiratory system if there is a lack of oxygen (below 17%). It should not be used in spaces with limited cubic volume, in particular non-ventilated spaces, such as sewers, wells, tanks, etc. The half mask does not provide protection against pollution in the form of gas fumes or mists of substances that are harmful to human health and hazardous to life. Do not use the half mask if the type, characteristics and concentration of the harmful substances are unknown. Do not use the half mask when extinguishing fires. The half mask does not ensure tightness if worn on an unshaven or bearded face. The half masks should be stored at a temperature of -20°C to +40°C and humidity below 70%.

Before the half mask is used, its technical condition should be checked, i.e. whether the elements are not damaged. Damaged or expired half masks must not be used. The half mask should not be folded or bent. In order to ensure the best possible fit on the face, the half masks should be put on and adjusted in the following manner:

1. Before putting on the half mask, form the nose clip by tightening,
2. Place the mask over the face to cover the mouth and the nose;
3. Put the head bands on in such a way as to make the lower band pass around the

nape of the neck below the ear, and the upper band pass around the back of the head above the ear; the length of upper and lower band can be adjusted;

4. Further adjust the nose clip to ensure tightness
5. Check that you have the correct mounting. Press your hands and hold the dome of the mask. Exhale energetically; if there is any looseness adjust the position of the dome, the nose clamp or headbands.
6. Expiry date: 60 month from the production date printed on the product.

When the mask is used, breathing resistance increases due to the settling of dust. If the user decides the resistance has grown significantly, the mask should be replaced with a new one.

To adjust the head bands, put the strap between the plastic hooks as shown in illustration 2. Looping it a number of times between the hooks will shorten the band and tighten the mask when it is put on. In order to extend the length again just take the band off the hooks. For more precise adjustment of the head band, wind or unwind the band on/off each hook, as shown in illustration 3.

Apart of respiratory protection workers might need the additional protection in form of white overalls to protect against heat, chemical or other splashes, leaks etc. Also often required are helmets, protective glasses, ear protectors, standard or self-locking devices for fall protection, gas mask, gas mask filters, partial protection of feet or head.

More information on face masks you will find in March 2018 issue of IBB Builder https://view.publitas.com/ibb-builders-merchants/ibbbuilder_mar_2018/page/22-23?publitas_embed=maximized

Source: HSE, Oxyline Sp. z o.o.



material and accessories such as headbands, or exhalation valve, depending on the model. When air is drawn in, it passes through the filtration material where it is cleansed before being inhaled. Exhaled air passes through filtration material (in the masks



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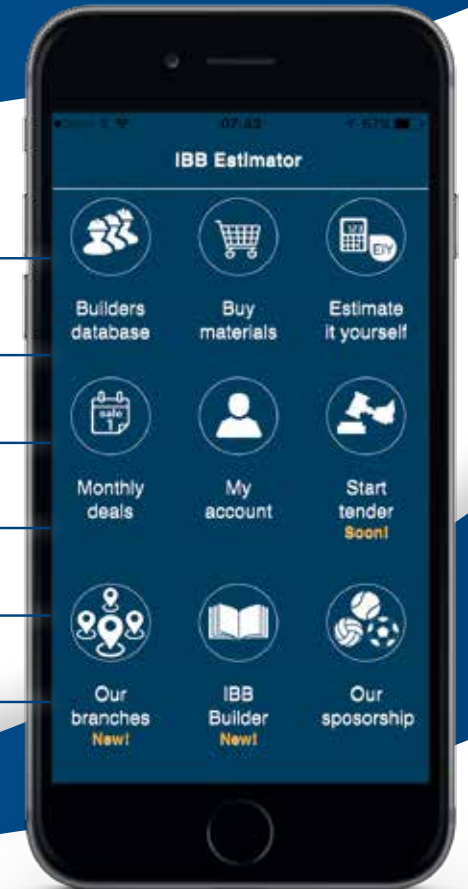


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Distance Project Management

Mobile technologies and handy construction software allow for management of the project to be done digitally. However, managing the construction site remotely is not an easy task. The nature of construction projects requires from managers experience on how to handle risk and high paced building site environment.

Management involves budgeting, financing, works scheduling, materials orders, making decisions, resolving conflicts and legal issues. It is very complex and requires the in-depth knowledge of the building process and the ability to solve problems. The use of technologies, excellent communication skills and trusted team are necessary to ensure the project is run according to the schedule.

Some contractors choose to manage the project on distance. The main reasons for such strategy are the higher number of projects or a project in a different region. Managing project from afar is possible and can bring same returns, but it does not mean that there will be no time on site at all. There is no substitution for on-site presence, but a well-trained team and trusted foreman can run the construction site when the management is not there.

How to plan the distance project management?

Works schedule and project plan - workers have to be aware of the works programme; their work should be plan weekly and daily. Materials have to be ordered in advance so the risk of delays will be reduced to the minimum.

Consider BIM - Building Information Modelling allows for more efficient collaboration of all parties involved in the project. Sharing documents, making any alternation to plans, taking on board decisions of structural engineers etc.

Invest in technology - Cameras link to the building site, biometric technology for workers etc., video messaging with the foreman, photos streaming of works progress. Plenty of face time or Skype conversations is vital when running remote teams. Usage of handy mobile apps also has a lot of advantages, for instance, real-time streaming from camera to create time-lapse presentations of site progress.



Define roles on site - establish who is responsible for what, what is the hierarchy in your team.

Communication with foreman - daily communication is essential to keep track of what is happening on site, with regular updates on works progress, materials delivery, health and safety records, any site visit by architect, client, engineer or local authority.

Build a relationship with the client - often phone conversations and email exchanges allow the client to stay informed.

Daily and weekly reports - such information allow to implement any changes, decide on works progress, labour transfers, materials orders and deliveries.

Works valuations - a presence during appointments for works valuations is essential. These are usually planned according to works schedule. For distance project management approach it is advised to schedule works valuation meetings more often- for instance, once a month.



BOOK REVIEW

Construction Management JumpStart: The Best First Step Toward a Career in Construction Management, 2nd Edition by Barbara J.Jackson

This is our recommended book for all those wishing to start their career in construction management field. This is the second edition of a bestselling introduction to construction management. It gives insight on each stage of the construction management process.

Written from the constructor's perspective, this book will familiarize you with all the construction management fundamentals and how Building Information Modelling (BIM) is impacting the construction management profession.

- Covers interoperability of technology advances in the construction industry
- Explains how BIM is challenging the traditional

approach to project delivery and how this affects the constructor's role

- Elaborates each stage of the design and construction process and the tasks associated with each of them
- Shows step-by-step how to estimate project costs, administer contracts, manage job site and construction operations, plan and schedule a project, monitor project performance, manage project quality and safety, and assess project risks
- Provides review questions at the end of each chapter to help enforce understanding



Apps for Builders

The latest technology gives construction workers effective tools to run their projects. There are mobile digital tools available from cost estimation, design to project management. Here is our selection of the handy apps for builders.



IBB Estimator - project estimation software that allows for fast and accurate preparation of tender documents and works schedules. It is a tool to estimate Labour, Materials, Plant&Tools or Overheads Equipment. It allows editing, generating PDF or archiving the produced quotations. For tenders preparation the personalised version can be achieved by import of logo and corporate data. Generated list of materials Estimating a project becomes a breeze with IBB Estimator.



Procore - a cloud-based construction management software that helps to increase project efficiency by allowing for quick stream of documents and communication. Documents like drawings, plans, schedules, valuations, contracts can be uploaded to the particular project portfolio. Users can manage projects from their mobiles or tablets.



Fieldwire - connects entire field team, from the project manager all the way down to each specialty contractor's foreman, on one construction management platform. Anyone can view their drawings, schedule work and track their punch list while they are in the field. It allows for upload and sharing of construction inspection & checklist templates, progress photos with annotations & markups, two step verification for punchlist items, detailed building inspection etc.



Sage 100 Contractor - designed for small to midsize construction workers as an accounting software. This app provides an interactive dashboard with insight into financial data, alerts about expiring insurance or low account level.



PlanGrid - solution for general contractors, specialty contractors, design teams and owners. It provides project teams with access to drawings, specifications, shop drawings and progress photos. All new data and revisions are automatically synced to the entire project team. It allows to keep track of valuations, assignments, list of defects, site report. At project completion, a full, hyperlinked as-built can be generated and shared with owners.



BIMx - perfect tool for architects, clients and contractors to collaborate smoothly without the need to print out documents. It allows for the presentation of architectural designs. Its unique Hyper-model technology is designed for integrated 2D and 3D building project navigation.



eSUB - eSUB helps to manage day-to-day operations. It connects site workers with managers and assists them with all managing project documentations. It allows for paperless projects with one central storage for project information, photos, drawings, PDFs and any other documents that all team members access in real time. It allows subcontractors to create, log, and track important documents like requests for information (RFIs), change orders, and more. eSUB's timecard module tracks subcontractors' labor hours and costs. eSUB is used by contractors from all trades.



TraqSpera - allows to manage the workforce with real-time locations, training and availability. The system updates employees' locations each time they check in at a job. It enables to track and organize the locations of all vehicles, equipment and tools. Users can scan tools in and out and assign it to the person who is using it. Moreover, its health and safety module allows to record any incidents, retrieve all safety documentation and analyze safety statistics and trends. Users can attach incident reports, follow-ups and action plans as well as manage safety documentation and forms. Traqspera collect timesheets for employees and track asset usage across multiple work sites for billing and payroll purposes.



BIM 360 - project management solution which offers collaboration and communication tools, task management and file sharing for Building Information Modelling purposes. BIM 360 Team supports multiple file formats AutoCAD (DWG, CAD), DXF, Revit (RVT), IFC and Navisworks (NWD, NWF).



iHandy Carpenter - multi-tool pack, which features a plumb bob level for verifying verticality of walls and lines, a surface level, a bubble level bar, a swipe-able ruler, and a 180 degree protractor.



Safety Meeting - enables to keep up to date with OSHA safety meetings, which are required by law. Offering a streamlined solution to recording and tracking OSHA-required safety meetings, the Safety Meeting app also allows multiple users to record any accidents or incidents, any near-misses, and track employee attendance, directly to mobile. The app covers 34 trade types (as defined in the Occupational Safety and Health Administration's required meeting laws), and over 950 safety meeting topics within this.

How to quickly increase the value of your home?

Encourage homeowners to proceed with renovation works to increase the value of their properties. According to the latest research by the Federation of Master Builders (FMB) and the HomeOwners Alliance (HOA) it is possible to add approximately 50,000 to the value of a property in just seven days.

Here are the key findings from this research into the projects which can add the most value to your home, in the shortest space of time and in particular parts of the country. As independent estate agents, members of The Guild of Property Professionals also contributed insights into property values

High return - low cost projects

- Removing an internal wall to create an open plan kitchen and diner can add £48,417 in seven days to an averagely priced home in London;
- Building a garden room or outside play-room for the kids can add £35,611 in 14 days to an averagely priced home in Surrey;

- Investing in kitchen improvements such as new flooring, a new worktop and new cabinet doors can add £26,838 in eight days to an averagely priced home in Dorset;
- Converting a cupboard under the stairs into a downstairs toilet can add £26,708 in seven days to an averagely priced home in Surrey;
- Converting part of the master bedroom into an en suite bathroom can add £14,525 in 11 days to an averagely priced home in London;
- Building a new driveway can add £13,354 in nine days to an averagely priced home in Surrey;
- Installing decking and lighting in the back garden can add £8,946 in seven days to an averagely priced home in Dorset.

Brian Berry, Chief Executive of the FMB, said: “By investing less than £3,500 on the creation of an open plan kitchen and diner, home owners in London can add a whopping £50,000 to the value of their home in just one week. If you’re looking to move up the property ladder, it’s obviously in your best interests to increase the value of your home as much as possible. By investing in low cost, high return projects, not only will you make your home a

more pleasant place to live, you’ll also be increasing its value significantly. Better still, these projects take no time at all so the hassle factor will be kept to an absolute minimum.”

Paula Higgins, Chief Executive of the HOA, said: “This research is encouraging news for home owners; improving your home to make it more enjoyable to live in can also give you a big financial boost when it is time to sell. There is a caveat though as if your primary aim is to increase the value of your home, you should consult the experts in order to ensure you will see a return. We always recommend finding your best performing local estate agent using our free, instant online tool ‘EstateAgent4Me’ and inviting a few agents to give you a property valuation and advice on your proposed project. The best local estate agents will be able to tell you what refurbishment projects other homes have benefited from along your road, or in your area, and how much value those projects have added.”

To sum up, based on this information builders can encourage their prospective clients to invest in high return building works. Advice your clients that any changes to make additional space will add the most value. Moreover, high returns are also on smaller works like removing walls to make open plan living or updating kitchen.

(Source: FMB, HOA)



Home Improvement job	Days taken to complete job	Cost to complete job	Region	Added value to average home	Profit made
Converting cupboard under stairs into a downstairs toilet	7 days	£2,622	Cambridgeshire	£8,750	£6,128
			Dartmoor (Devon)	£15,493	£12,871
			Dorset	£11,928	£9,306
			London	£9,683	£7,061
			NE England	£1,963	£-659
			Surrey	£26,708	£24,086
Decking and lighting in the back garden	7 days	£3,971	Cambridgeshire	£5,834	£1,863
			Dartmoor (Devon)	£7,746	£3,775
			Dorset	£8,946	£4,975
			London	No value added	£-3,971
			NE England	No value added	£-3,971
			Surrey	£7,790	£3,819
Removing an internal wall to create open plan kitchen/diner	7 days	£3,426	Cambridgeshire	£5,834	£2,408
			Dartmoor (Devon)	£34,858	£31,432
			Dorset	£26,838	£23,412
			London	£48,417	£44,991
			NE England	£9,813	£6,387
			Surrey	£31,160	£27,734
Kitchen improvements such as a new flooring, new worktop and new cabinet doors	8 days	£4,127	Cambridgeshire	£14,584	£10,457
			Dartmoor (Devon)	£15,493	£11,366
			Dorset	£26,838	£22,711
			London	£16,946	£12,819
			NE England	£3,271	£-856
			Surrey	£26,708	£22,581
A new drive way	9 days	£2,208	Cambridgeshire	£5,834	£3,626
			Dartmoor (Devon)	£10,328	£8,120
			Dorset	£8,946	£6,738
			London	£9,683	£7,475
			NE England	£1,963	£-245
			Surrey	£13,354	£11,146
Converting part of master bedroom into en-suite	11 days	£4,713	Cambridgeshire	£8,750	£4,037
			Dartmoor (Devon)	£7,746	£3,033
			Dorset	£10,437	£5,724
			London	£14,525	£9,812
			NE England	£1,963	£-2,750
			Surrey	£11,128	£6,415
A garden room/outside playroom for the kids	14 days	£6,653	Cambridgeshire	£29,168	£22,515
			Dartmoor (Devon)	£34,858	£28,205
			Dorset	£23,856	£17,203
			London	£9,683	£3,030
			NE England	£6,542	£-111
			Surrey	£35,611	£28,958

Table source: Federation of Master Builders, HomeOwners Alliance)

VAT in Construction Contracts

The provision of construction services is subject to VAT at standard rate with some exceptions. Exceptions include the zero rated projects and reduced-rated VAT of 5 percent on some projects. Smaller contractors are often not registered for VAT as they fall below the registration threshold. Such businesses are unable to recover VAT incurred on costs.

It is important to state in the construction contract whether or not VAT has to be paid on top of the contract price. In JCT Standard Building Contract the tender price is expressed as exclusive of VAT and the employer has to pay any taxes chargeable on top.

Which VAT rate should you charge?

Builders are required to charge the lowest rate applicable to the particular service. However, it is also possible to standard-rate the whole project. Construction of a new building work is standard rated at 20% VAT. Some exceptions applies to specific construction works as shown in the **TABLE 1**.

For retention payments the same rate applies as to the previous payments under the contract.

VAT on Building Materials

Builders' merchants charge VAT at the standard 20 percent rate on most products. Builders, however, charge VAT on building materials that they supply for project purposes or incorporate in a building (or its site) at the same rate as for their services. If their work is zero-rated or reduced-rated, then so are the building materials.

VAT Refund on New Builds

Construction of a new building will account for VAT exception only if it will be a qualifying building.

VAT refund on building materials and services applies when contractor is:

- Building a new home
- Converting a property into a home
- Building a non-profit communal residence- eg a hospice
- Building a property for a charity

The construction of building for VAT purposes is not always clear. In the cases where a party wall of pre existing building, the building is not demolished to the ground level. For instance, in the example when house is built between a row of terraced houses, the pre-existing house has to be demolished completely to ground level apart of the wall shared with the adjoining houses. However, if the contract include the redevelopment of the adjoining houses in a terrace, the party wall also has to be demolished for VAT exception. Please refer to the HMRC website for the exact definition of the qualifying buildings for VAT exceptions.

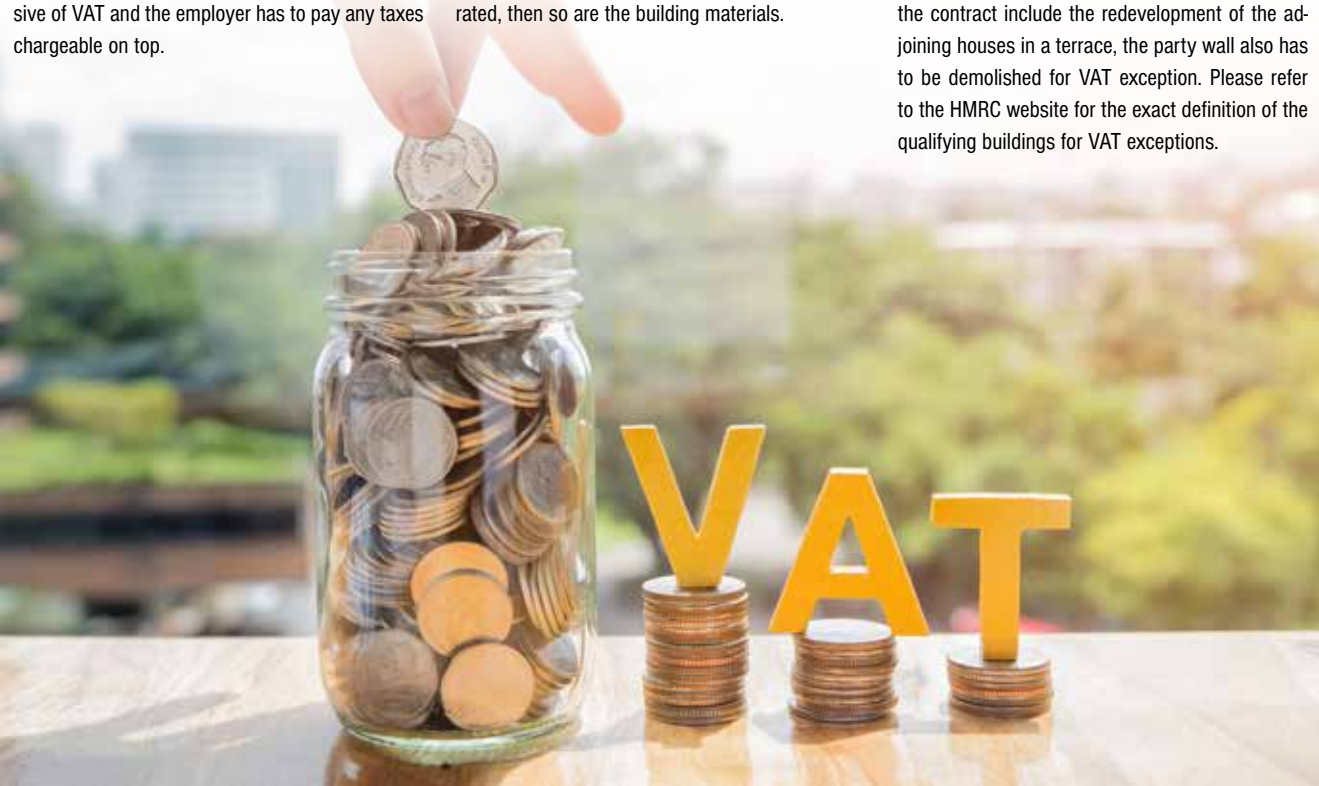


TABLE 1

CONSTRUCTION WORKS	RATE OF VAT
Construction of new qualifying dwellings and communal residential buildings, and certain new building used by charities	0%
Conversion for a housing association of a non-residential building into a qualifying dwelling or communal residential building.	0%
Conversion (other than for housing associations) of a non-residential building into a qualifying dwelling or communal residential building and conversions of residential buildings to a different residential use.	5%
Renovation or alteration of empty residential premises.	5%
Approved alterations to listed dwellings and communal residential buildings, and certain listed buildings used by charities (rate shown with effect from 1 October 2012)	20%
Alterations to suit the condition of people with disabilities.	0%
Installation of energy saving materials; and grant funded heating system measures and qualifying security goods.	5%
Development of residential caravan parks.	0%
First time gas and electricity connections	0%
Installation of mobility aids for the elderly for use in domestic accommodation	5%
Home improvements on domestic property situated in the Isle of Man	5%

VAT can be claimed on almost all building materials and equipment used for new dwelling. VAT can not be claimed on professional fees, delivery costs, equipment hire, any consumables like paints or brushes, kitchen appliances and carpets.

To obtain VAT refund:

- Ensure project eligibility
- Obtain valid VAT invoices
- Ensure to get the correct rates of VAT on invoices (VAT 20% on building materials, VAT 5% on some energy saving products, VAT 0% on labour)
- Ensure the zero rate VAT on the supply of labour only and the joint supply of labour and materials on new builds
- Ensure your claim is submitted within three months of completion

The claim has to be made when the project is completed. Project is completed when a Certificate of Completion is issued and building is habitable. When the project is complete any other services are

no longer eligible for the zero rate. Snagging is often carried out after works have been finished and a building is completed. These works form part of a zero-rated building contract, provided that same contractor carried out the initial building work and the snagging forms part of that building contract. If snagging is the separate service than work is to an existing building and standard VAT rate apply. For refunds for DIY housebuilders use form VAT431C for conversions and form VAT431NB for new builds. To claim, your project must be eligible and lawful, for personal occupation by you or a family member and evidence of completion must be provided.

The claim has to include:

- bank information to receive the refund
- planning permission for the building project with a full set of building plans
- proof that the construction work got completed (e.g. local authority letter)
- invoices, tenders, or itemised estimations
- bills of sale and any relevant credit notes

The refund is usually made within 30 working days of sending in the claim.

There are special VAT exceptions or reductions for VAT-registered contractors that are not under DIY Housebuilders Scheme (incl. in Table 1):

- Renovations to dwellings empty for two years or more are eligible for the reduced rate of VAT of 5% via a VAT-registered contractor.
- Works involving a net change in the number of dwelling units are also eligible for the reduced rate of VAT of 5%. Examples include converting two cottages into one house or reverting three flats back into a house.
- Adaptations work to alter a house for someone who is disabled is zero rated for VAT
- Work for people over 60
- Home improvements to a domestic dwelling on the Isle of Man

Builders do not have to charge VAT on certain works including:

- civil engineering work to develop a residential caravan park
- approved alterations and substantial reconstructions to protected buildings
- converting a non-residential building into a house or communal residential building for a housing association
- constructing certain buildings used by charities for a 'relevant charitable purpose'

There are also certain other types of communal residential building that you don't have to charge VAT on, including:

- children's homes
- residential care homes
- hospices
- student accommodation
- school boarding houses
- armed forces' accommodation
- monasteries, nunneries and similar buildings

VAT for construction businesses is a complex area. For detailed information on this subject visit <https://www.gov.uk/government/publications/vat-notice-708-buildings-and-construction/vat-notice-708-buildings-and-construction>

(Source: gov.uk)

Contractors' COSHH duties

The Control of Substances Hazardous to Health (COSHH) specify the requirements about what employers need to do to minimise the risk of the health of their employees from exposure to hazardous substances at work.

COSHH is the law that Under the Control of Substances Hazardous to Health Regulations 2002 oblige employers to either prevent or reduce their workers' exposure to substances that are hazardous to their health. COSHH provides tools to recognise, evaluate, control risks on construction site.

COSHH Procedure Step by Step:

1. Assess the risks
2. Decide on precautions
3. Prevent and control exposure
4. Ensure all measures are used
5. Carry out health surveillance
6. Plan for emergencies
7. Train and supervise employees

Employers must provide information about the hazards, risks and control measures, and instruction and training to use the control measures. All employers must carry out a risk assessment and those employing five or more employees must also record significant findings. This record needs to be accessible so that safety representatives, inspec-

tors, etc. can examine it. The assessment should be reviewed as often as necessary, if circumstances changed.

COSHH essential e-tool allows for quick assessments of substances that you use. COSHH The hazardous substances include chemicals, fumes, dusts, vapours, gases, fibres, biological agents, non-particles. On the building site the most common are silica and asbestos. COSHH training is often required to identify, measure and control the exposure to harmful substances.

Breath Freely, the Chartered Society for Worker Health Protection and Arco Experts offers Construction Managers Toolkit Checklist that can be downloaded here <http://www.breathefreely.org.uk/assets/bf-cmt-cossh-site-checklist-april-2017.pdf>

Some of the questions construction site managers should ask during their health & safety assessment are for instance:

- Do you have a hazardous substances controller on site?
- Do you check subcontractors?
- Do you have a list of hazardous substances used on site?
- Do you have COSHH assessment?
- Do you have health and safety procedures?
- What are measures to reduce risk and exposures?
- Do your workers and subcontractors use the right respirators?
- Have workers had a face fit test?
- Do you provide the right PPE?

- Are there any people who are trained as first aiders?
- Do you monitor exposure to hazardous substances?
- Do your workers have health checks?
- Do you keep records of tests, procedures, measures, health checks etc.?

Another tool useful for construction managers or employers for health and safety purposes is the Health in Industry Management Standard. The HI standard is a simple self-assessment tool to help contractors and site managers to better manage workplace health risks. It allows to identify strengths and weaknesses, set priorities and develop action plans. This tool can be used by companies of all sizes to assess their health and safety on construction sites and develop action plans. This tool is available to download from www.breathefreely.org.uk

Construction workers are at high risk to develop lung disease and occupational cancer. Contractors and employers should ensure there are dust control measures on building sites, especially during demolition works. Risk should be assessed also for the following works: paint removal, welding, wood dust, silica, diesel fume.

Respiratory protective equipment should be used for most construction tasks including sanding, plastering, brick cutting, tile cutting and cement mixing. For works with higher exposure powered respiratory protective equipment (RPE), in conjunction with a welding visor and/or a purified air-powered helmet should be used.

(Source: HSE, BOHS.org)

New RIBA Building Contracts 2018

The Royal Institute of British Architects (RIBA) have recently published new versions of their two Building Contracts released in November 2014. Specifically tailored for construction projects these contracts are simple, comprehensive and effective.

The Domestic Building Contract (DBC) is aimed at all domestic (non-commercial) projects, including renovations extensions, maintenance and new buildings.

The Concise Building Contract (CBC) is designed for commercial projects. It can be used in both the private and public sectors, as it includes optional provisions dealing with official secrets, transparency, discrimination and bribery as normally required by public sector clients.

These two contracts allows for:

- cooperation between a client and a contractor
- efficient management of the project
- balance of risk between the parties of the contract
- the option to design parts of the building projects by the contractor
- control on timely realisation

The 2018 revisions of these contracts are based

on feedback from contractors, architects, lawyers and other parties involve in building sector. The review considered a number of topics and here is brief summary:

1. Contract Conditions - there are some changes to procedures
2. Updates to reflect changes in law, for instance the Consumer Rights Act 2015 and CDM Regulations 2015
3. Improved guidance notes
4. The Contract Details and Conditions - has been reviewed and are more consistent between both contracts.
5. A checklist has been added to both contracts

You can create an account and download contracts here: www.architecture.com/riba-contracts.

(Source: NBS)





One of the most popular works in the UK is the retrofitting of patio doors. Recently, there is no project without full-height glazing that provides natural light. In the UK houses built in the 18th and 19th century have a different layout that suited and reflected the lifestyle of homeowners of Victorians, Georgians or Edwardians homes.

Nowadays, modern houses designs incorporate natural light and open spaces. The most straightforward solution to transform the existing house is to remove the wall separating the lounge and the kitchen and install the sliding doors, French doors or bi-folds. This provides light and feeling of connection with the outside patio and garden.

On the market, there is a broad choice of French doors, sliding doors or bi-folds, on aluminium, timber or PVC profiles. Here is a brief step by step guide for patio doors replacement.

1. Building Regulations - there are certain requirements for windows installation.

- External windows are “controlled fittings”-

have to installed by certified installers only

- Thermal Efficiency (heat gain / loss)
- Safety for Glazed Areas
- Ventilation
- Fire Safety

2. Permitted Development - adding patio doors often will be treated as the permitted development, so planning permission is not required. However, it is recommended to seek the local authority advice as there might be some restrictions, eg. conservation area, designated area, etc.

3. Structural details - in most cases the structural engineer will have to provide calculations and





specification for structural support, especially when the retrofitting will include increasing the size of the opening. The impact of the larger opening on the existing building will have to be offset by the additional support. In such case, the load-bearing wall will be supported by the installation of new lintel or steel beam. All depends on the size of the wall opening and wall structure.

4. Enlarging the opening - reframing is quite a big task that depending on the size required might be considered as a demolition. There is need to cut into the wall and install support beams. If in the wall under the existing window are electrical cables, electricians will have to rewire them. Sometimes the roof overhang will have to be extended to accommodate new patio windows.

5. Threshold - patio doors can be installed with a flush low threshold or weathered threshold. A flush low threshold is when the profile of sliding doors is installed entirely flush with the floor. A weathered threshold is when the truck profile is over the floor level. Such solution ensures better protection from rain.

6. Patio door types - there are various models available from French doors, folding or sliding. Bi-

folds allows for the whole window to open giving even 5 meters of open space. Traditional hinged French doors are perfect for smaller openings.

7. Size of track profiles- the larger the truck profile, the more space it will take up. Bi-fold doors range from 1.4m to 9m; sliding doors can reach 12.2m on a three-track system. Available heights are to a maximum of 2600mm. There are ultra thin profiles available with slim units of 11mm,12mm, or 14mm.

8. Window Opening - the opening should be structurally sound, symmetrical and appropriately measured. The threshold could be built from solid bricks, or any holes must be filled with concrete. The opening should have the flat level base, vertical levelled sides and head. Leave the internal finishing and decorating after the doors are installed. Flooring should be laid also after installation.

Step 1. Install the steel props or stud work support through the holes in the brickwork and carefully remove the bricks to make space for a lintel.

Step 2. Install a steel lintel above the wall opening. Use engineering bricks for the bearing points. New lintel must project at least 6 inches over the required opening. Position the lintel on a bed of mortar. Make space to insert a cavity tray if required. Remove the supporting props and fill the holes with mortar

Step 3. Mark the vertical cutting lines using a spirit level

Step 4. Cut a vertical lines in the brick wall using an angle grinder

Step 5. Loosen the existing mortar and knock out required bricks with the hammer. Start removing from the top but be careful not to disturb the lintel.

How to measure the opening?

Never measure the existing door or frame but the brick opening. Measurements are taken from the outside, for instance from the surrounding brickwork or blockwork not from any interior plaster face. The height is taken from the wall, foundation or slab on which the track will sit. First measure the width of the opening between the inside faces of the framing on each side. The height is measured from the level on which the baserail of the frame will sit up to the bottom of the header. Take measurements in three different places (top, middle, bottom) and deduct 10mm from both the final height and width measurements for fitting allowance.

(Photos source: OknoPlus)



IBBTherm
External Wall Insulation System

It's time to start the insulation season!

Choose IBB Therm - the crack free thin coat render!

Spring has come to the UK for good, what is evidenced by not only warmer days but also increasingly more common scaffolding around houses. Better weather allows investors to commence long-delayed this year insulation and render projects. The perfect solution for such projects is IBB Therm External Insulation and Rendering System. The thermal insulation of facades using insulation and thin-layer render systems is becoming an increasingly popular way of finishing exterior walls - both in new builds and for renovation projects.

IBB Therm products are based on a special combination of ingredients that allow for easy application while maintaining excellent adhesion to the substrate. Adequately configured additives regulate the time that products take to work, and enable easy application on every type of surface especially crucial in case of rendering, where the desired structure must be obtained without risk of premature binding.

Features of IBB Therm render includes:

- resistant to deposition of dust and dirt on the surface of the facade,
- easy to clean, removing stains and dirt,
- resistant to washing,
- provide effective protection against weather conditions,
- resistant to the destructive effect of UV rays,
- resistant to water penetration, which quickly flows along the surface of the facade,
- resistant to washing out protective substances,
- easy to apply

Application of insulation and thin coat render system on the existing facade

In the first step, ensure that existing external wall- the substrate is clean and dry, free from substances that reduce adhesion. If the existing plas-

ter or paint is swollen and not fully adhered to the wall, it has to be removed. Any wet areas (e.g. as a result of damage to the flashing) might lead to the development of damp. After removing the cause of moisture, such fragments should be dry cleaned with wire brushes and then saturated with a fungicide solution.

Highly absorbable substrates, such as old plasters or aerated concrete walls, should be protected with absorbent agents. It happens that contractors give up the priming and apply thin-layer plaster directly on the layer of an adhesive with the mesh. This results in the improper tying of the thin-layer plaster, grey glue marks and an uneven façade surface. To avoid this, an insulation material cohesion test is recommended. After 4 to 7 days, the mineral wool sample or polyester is removed mechanically from the substrate. If the sample is torn, the substrate has adequate strength. Separation of the whole sample together with the adhesive mortar layer signals that the substrate should be cleaned again.

To achieve the optimal level of thermal insulation the standard facade wool boards or polystyrene panels are the best solutions. We recommend using polystyrene panels with IBB Therm system.

When applying the thin coat render to a particular facade such as timber frame or external wall insulation, use a high polymer base coat with mesh reinforcement. Apply the base coat using a steel trowel to a thickness about 1.5mm-2.0mm thick per layer. To ensure the surface is levelled and thickness is consistent apply the second layer of the base coat. Application of render top coat is straightforward for those experienced. Once the base coat has dried, apply a layer of primer. When the primer is dry, what takes about a day, the next step is to lay the layer of top coat. Ensure the render is mixed correctly and prepared. Apply the render top coat using a steel trowel to a thickness about 1.5mm-2.0mm thick per coat. It is recommended to start the application from the top of the building moving downwards. Moreover, to keep the same colour of finished plaster, it is best to finish one wall at one go.

Flatten the render with your trowel until the first set is achieved. The render will skin over once the curing starts and it is essential to remove the excess render and to texture it before this begins. Remove any excess of render with the trowel. The topcoat layer will be of approximately 1.5mm. This will take the whole system between 5.0mm-7.0mm. Always ensure there are no drips or trowel marks on the render. Float the area again with an acrylic trowel and do not apply the top coat render to a wet base coat, as this will lead to bubbles and cracking. IBB Therm system once appropriately installed on the facade it will not crack thanks to the reinforcement in the form of a mesh. We recommend using quality installers to achieve the best finish.

More information about IBB Therm you will get at www.ibb.uk/therm



Bricklaying a single wall with window opening

Estimation conditions

- materials are delivered on site
- internal transport horizontal and vertical is included in the average building situation
- labour included fitting light scaffolding up to 4m high
- calculation of materials includes an allowance for waste

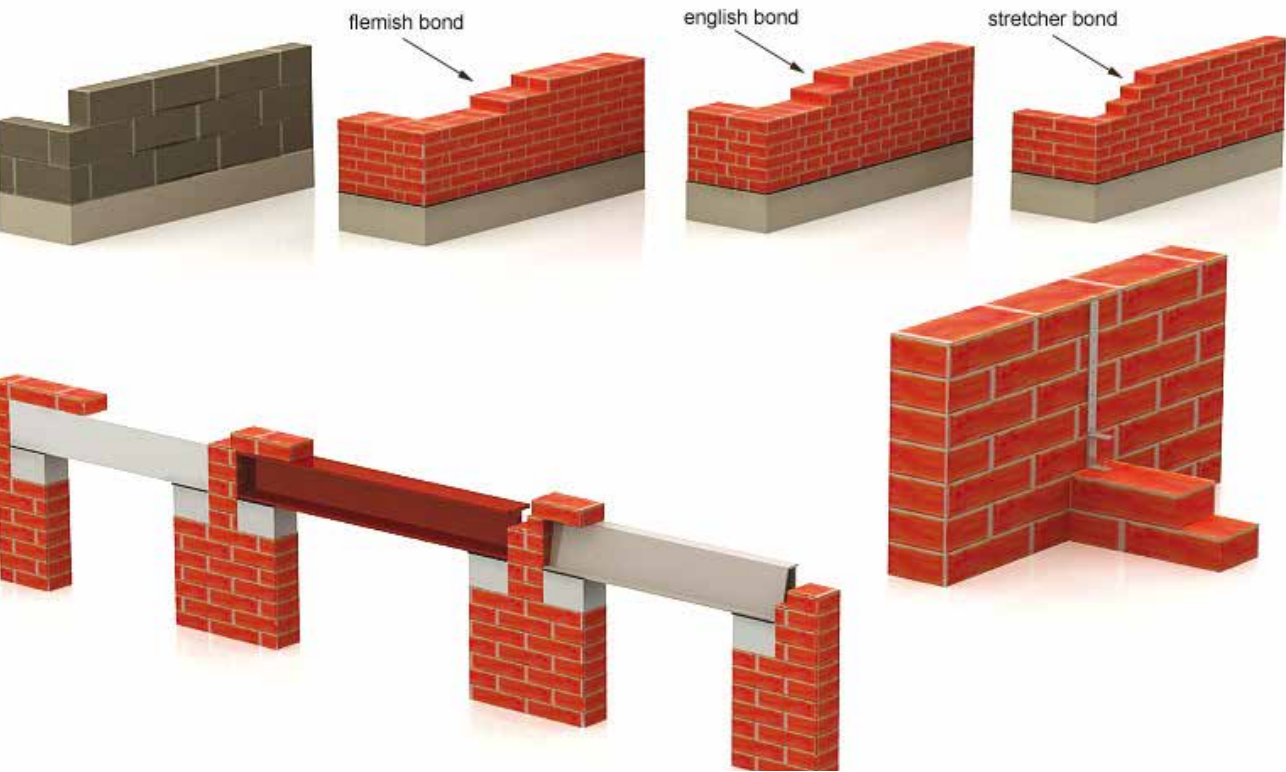
Sequece of operation

- prepare mortar before bricklaying and do not make it too wet
- lay each course of wall bricks with their long side – stretcher face
- control the level of each course
- make a consistent gap between each brick layer for mortar joint for example using spacer strip and strig line
- fix steel wall starter to the existing wall
- reinforce brick wall with steel wire reinforced ladder

Materials coverage for making brick wall thickness ½ brick including opening and fixing precast concrete lintel

No	Material	Unit	Unit	Price* excl VAT [unit]	coverage per 1sqm
1	DPC	100mm*30m	roll	£4.13	0.04 m/m
2	Brick	215*102.5*65mm	length	£1.45	58 pcs/m²
3	Masonry mortar with tras	Bag 25kg	bag	£11.25	3.4 bag/m²
4	Concrete precast lintel	145*100*1200mm	pcs	£24.50	1.00 pcs
5	Wall starter Ancon 36/8	2*1200mm	sheet	£18.50	0.40 pcs/m
6	Brick reinforced ladder	60*3050mm	pcs	£12.50	0.35 pcs/m
7	PVC spacer strip	8*10mm*2.00m	pcs	£1.42	0.50 pcs/m

* Prices before discount



Expenditure of Labour for making brickwall – thickness ½ brick

No	Description	Labour hours	Rate excl. VAT [GBP]	Rate [GBP] per 1sqm excl. VAT	Rate [GBP] per 1sqm incl. VAT
1	Fixing DPC 100mm*30m	0.002 lh/m	£27	£0.054	£0.06
2	Bricklayer	0.73 lh/m2	£27	£19.71	£23.65
3	Bricklayer mate	0.24 lh/m2	£27	£6.48	£7.78
1	Allowance for openings	1.95 lh/each	£27	£52.65	£63.18
2	Fitting concrete lintel	0.20 lh/each	£27	£5.40	£6.48
3	Fixing brick reinforcement ladder	0.02 pcs/m	£27	£0.54	£0.65

Important:

- lay during one day only 5-6 rows
- cover masonry to protect against rain

Attention!

Our norms and rates should be taken as a guide only and there are no obligations for anybody to adhere to them. You have to take sole responsibility and apply your own rates to your quotations. Cost of materials can vary from prices shown. We cannot accept any responsibility for anyone using this information – you must make your own checks.

Useful tools



£0.85 net
PVC spacer strip
for bricklaying
10*10mm*2.00m



£7.50 net
Bricklayng device
Slowik PDM31



£3.00 net
Rope for string
line 100m



£6.25 net
Box for grouting
No.1610



£2.25 net
Brick trowel
No.1112

* Prices for Estomator Pro Users



IBB POLONIA LONDON VC
in the English Championships Final!

SUPPORT US
on the 5th and 6th May in National Volleyball Centre, Kettering



IBB Polonia London

one step from the defence of their National Cup

The final of the National Cup was played on Saturday, 14th April 2018 in the National Volleyball Centre Kettering. The match was against Team Northumbria, and after a very tight and even tussle, the team had to relinquish the title to the northerners. The match was lost in straight sets 3:0 (25:23; 25:23; 27:25) and so the trophy that had found a comfortable home in the hands of IBB Polonia London had to make the journey to Newcastle.

The match saw a very level performance between both teams, but the start of each set saw IBB Polonia London the more dominant on each occasion. At each of the three first technical time outs, a strong lead had been developed, but the pattern developed each set and the team from Newcastle

managed to pull back their deficit and overhaul IBB Polonia London just before the end of the set. The MVP trophy was awarded to Adam Bradbury from Newcastle.

"The game was very even, but in the end of each set Northumbria improved their standard just enough to take the sets." commented IBB Polonia London captain, Bartosz Kisielewicz.

"We played good volleyball, but in each set we made one or two errors that caused us the loss. I think they came as a result of the pressure of the match, and a lack of experience at that level. Our opponents played very steadily and served very well; this made the difference." said Head Coach Piotr Graban.

The match contained many amazing exchanges and the spectacle was super exciting for the fans that had travelled north to Kettering from London.

"The sportshall was full of volleyball fans; the vast majority proudly sported the match shirts of Polonia. We really thank them very much for their amazing support as usual." added Kisielewicz.

The match is to the end of the season. The Super 8 division is still to be decided, and the Semi

Finals are being played against Sheffield Hallam.

"The atmosphere isn't amazing, but this is normal after an unexpected defeat. More importantly, the guys want to fight and we started training as of Monday in order to prepare for the Semi Finals. I am hopeful we will beat Sheffield Hallam, which will give us the chance to beat Team Northumbria in the finals." ended Kisielewicz.

"We are fighting hard in training. We want to win the Semi Finals, to sort out a few small details and take revenge over Newcastle in the finals of England." concluded Graban.

The stakes are high this weekend. The team will compete for a place in the final. The volleyball spectacle will take place over two days between the two teams from the top region of the table. The games will take place at Brentford Fountain Leisure Centre; the home of IBB Polonia London. The games are scheduled to start at 4.30pm. Tickets are available here: <https://polonia.eventbrite.co.uk>.

IBB Polonia London is the quadruple Champion of England (1990/1991; 2012/2013; 2015/2016; 2016/2017).

Ease through to the Championship of England

Over the weekend of the 21st-22nd April, IBB Polonia London played the National Semi-Finals of England against Sheffield Hallam. The team from London came out on top over the two match encounter without dropping a single set.

On Saturday the result was 3:0 (27:25; 25:20; 25:20) and Sunday 3:0 (25:22; 25:20; 25:21). With two emphatic results, IBB Polonia London eliminated Sheffield Hallam, the third placed team in England, and booked their place in the National Final.

Both matches were an amazing spectacle, especially for the fans. The atmosphere was electric and both sets of players performed to a high level on court. IBB Polonia demonstrated great spirit and didn't give their northern opponents a

chance. On Saturday, the MVP was awarded for the second time to Bartosz Kisielewicz – captain, setter and Number 13.

"Bartek followed the pre-determined tactic throughout the game. Unfailingly, he delivered ball after ball with pinpoint accuracy. You could see he was having fun confusing the opposition and this resulted in a great result. he led the team solidly and gave them one foot in the final." commented Jacek Ambrozy, the owner of IBBTherm.

On Sunday, the best player on court was Dorian Poinc (Number 4).

"On Sunday, the whole team played very well. You could tell that the squad was very well prepared, but Dorian Poinc was head and shoulders above everyone else. His serve receive as well as his powerful serve led the team to victory." said Jaroslaw Yaro Kowalczyk; the representative of Top renovations – the match sponsor.

The victories signified that the end of the season is just right around the corner. Over the next

two weeks, the team will prepare for two encounters: the victors taking the title of Champions of England. The finals will be over the 5th and 6th May 2018 at the National Volleyball Centre in Kettering. IBB Polonia London will take on Team Northumbria in their defence of their title who won their own Semi-Final against Malory Eagles.

"We now wait impatiently for the climax of the season. The members of the Official Supporters Club are prepared to support the guys in the finals. The teams who will compete against each other will play the highest standard available to see in England, and once again we will expect some emotional times. I would like to invite everyone to join us on our journey to Kettering, to support IBB Polonia London in their defence of their title." commented President of the Official Fan Club, Jan Ploszaj.

All information about the finals is available on the Volleyball England website as well as social media.



IBB POLONIA FOOTBALL CLUB

RECRUITING NOW! Children from 7 to 13 years old.

The 2017-2018 league season practically came to an end. IBB Polonia Football Club teams played a total of over 90 matches scoring almost 150 goals!

Big applause to all players! At the end of June, there will be a ceremony to mark the end of the current season. Stay tuned for details on team's social media accounts Below are the tournaments in which our teams will participate

IBB Polonia Football Club highly encourages all young boys and girls who like sport to enrol for the next season. If your children love football, there is no better place than IBB Polonia FC.

JOIN US

Call now 07468426210 email coach@poloniafc.com



Sponsorship & Advertising Offer

The marketing and ticketing goals of the IBB Polonia VC club primarily consist of rising funds for: improving the professionalism of the team, improvement of match fixtures & coverage of television broadcast costs.

TICKET-DONATION FOR THE MATCH

Normal	£10.00
Discounted	£5.00
Children under 16 / seniors over 60	FREE
VIP (Sponsors and invited guests)	FREE

MATCH ADVERTISING OFFER WITH TV BROADCASTING

Electronic banner during live matches - 1 spot * 2 minutes	£500.00
Sticker next to the pitch	£1 000.00
Roll-up 2*1m	£800.00
Own banner on the stand (one piece) held by the advertiser	£1 000.00
Individual photo with the team after the match	£500.00
Ball with player signatures	£200.00
T-shirt with player signatures	£300.00
Club mascot during the match with the advertiser's logo	£1 500.00

OFFER FOR SPONSORS

Main Sponsor Gold - Large logo on the shirt, front and back (price per year)	£30 000.00
Sponsor Silver - Medium logo on the shirt, front and back (price per year)	£20 000.00
Sponsor Bronze - Small logo on the shirt or shorts	£10 000.00
Sponsor of an event/match - live and broadcast on Facebook, Polsat, Unilad and later available on YouTube and IBBTV	£6 000.00
Electronic banner for live matches - respectively: 4 spots x 2 minutes (Sponsor Gold and Match Sponsor), 3 spots x 2 minutes (Silver), 2 spots x 2 minutes (Bronze)	included in package*
In addition to the Sponsors' offer: article, photos, company profile in IBB Builder and at www.IBBPolonia.vc	included in package*
The right to distribute Sponsor's merchandise during the match	included in package*
Club shirt with player signatures	included in package*
Volleyball balls with player signatures	included in package*
Crystal trophy with thanks for support after the season	included in package*
Gold, Silver and Bronze Sponsor Logo on season tickets and on printed, distributed team materials	included in package*

NOTE TO THE SHAREHOLDERS. "PLANNED SALE PRICE" The holder of shares in IBB Polonia acquires:

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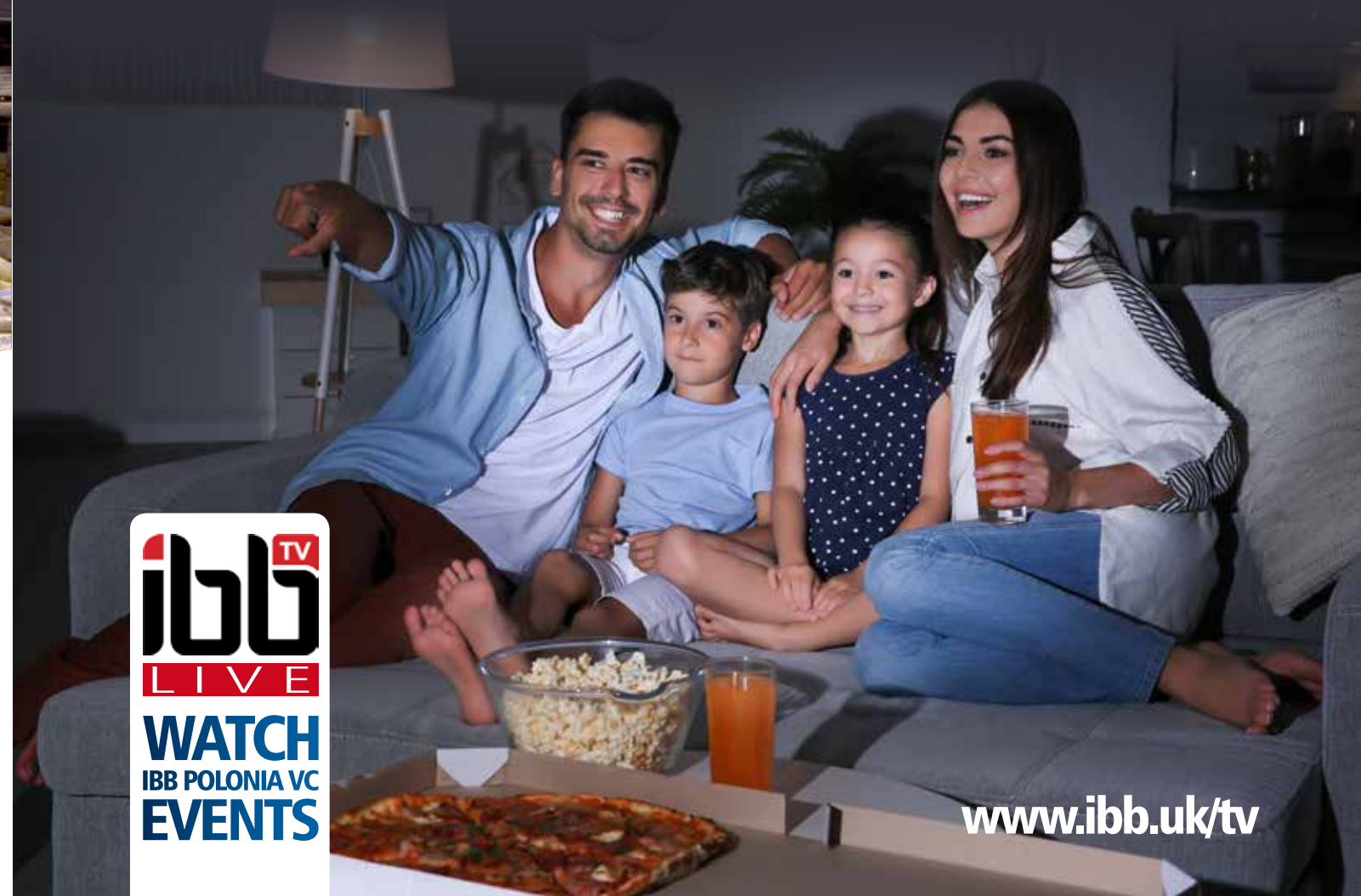
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