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IBB Polish Building Wholesale

BUILDER

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Home Building Fund

They wrote about us ...

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Most Trusted Building Merchant 2016 - London



IBB Polish Building Materials Wholesale is a London based wholesale provider that has recently launched a new line of materials. We spoke with Jacek Ambrozy to find out more.

Established in 2005, IBB Polish Building Wholesale supports small and medium-sized construction businesses with all of their wholesale material needs.

A number of new developments for the firm include its new magazine, IBBBuilder, which reaches the firm's 10,000 plus clients, as well as its new estimating program IBBestimator and Earn With Us software, a mobile app which allows for the promotion of clients businesses through the firm's software. What Jacek is most proud of its latest line of products, as he explains.

"This year we have launched in the UK's market our own new line of materials within the framework of External Insulation Render System - IBBTherm; this innovative technology is incredibly popular and the most beneficial technology for supporting the reduction of CO2 emission through insulation of solid walls. Having over 20 years of experience in implementing that technology, we chose the best and the most cost-effective materials to be launched on the market in London and in the whole UK."

Looking ahead, Jacek made it clear that the firm is eager to continue to provide the highest quality products, whilst at the same time growing both the business and those of their clients.

"Moving forward, our focus will remain on growing our business and network, aiming to support others and ensure that they grow as we do, giving them the benefit of our many years' experience to ensure that they utilise the best materials for their business."



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MOBILE BUILDING CALCULATOR



Dear Readers

Here are good news. IBB was rewarded with another business awards. I am taking a chance to showcase below all our trophies. We are all working hard for these achievements but it is also thanks to you, our readers and customers. Thanks for being with us. Together we do better.)

Last month IBB Builder pledged its support for Gas Safety Week 2016 and Fire Doors Safety Week. By supporting these two nationwide campaigns in our builder education section, we are helping to raise awareness of the hazards connected with the badly installed fire doors or dodgy gas installations. Presented easy to follow steps will ensure that you are employing the qualified gas engineer or passing all relevant information to your clients.

In news sections, you will find an update on CISRS Cards poster or underfloor heating guide by the NHBC. We also included information on two initiatives that were launched last month - the industry film "Foundations for the Future" and the National Construction Academy.

This month technology section features the guide to bricklaying a clinker brick facade. Clinker brick facades, if properly built, can last over 100 years. Which mortar to choose, what steps to undertake to avoid efflorescence and how to execute the bricklaying - all answers in this month technology guide. Our example of estimation for bricklaying clinker facade should give an insight into associated costs. Many of you have asked us about differences in profiles and beads. In the materials comparison, we have prepared a reference guide on all profiles or beads for a render, external insulation systems, plastering and dry lining. Hope you will find it helpful.



Moreover, this month we are presenting the contractor interview on how to secure the successful project. You will find there valuable business insights and tips on the project execution from the industry specialist.

Check out the sports section for IBB sponsorship activity updates. Recent news from IBB Polonia London VC and review of IBB Polonia London FC matches. They kicked off October brilliantly. On our tennis pages, we present the photo memories from PKO Szczecin Open 2016 where IBB was amongst sponsors.

In the final words here, we would like to invite you to the ArchitEX 2016 expo on the 12-13th November in Liverpool. Reserve your free pass now to attend the event for conferences, workshops and meetings with exhibitors.

Magdalena Rosól
Editor

We are the winner ...



2016's Most Innovative Business Leaders



Most Trusted Building Merchant 2016



2016's Most Innovative Business



Finest in Business Awards 2016



Most Cost Effective Building Merchant UK 2015

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Help to Buy scheme ends at the end of the year

The Help to Buy Mortgage Scheme, a major government scheme introduced by the former Prime Minister David Cameron, designed to prop up the UK housing market, is no longer needed, according to the Bank of England. Chancellor Philip Hammond has confirmed that the Government will not be extending the Help to Buy scheme beyond 2016.

The scheme has been available to buyers since 2014, and a total of 185,000 homes was bought under the scheme, 150,000 of which were properties for first-time buyers. The scheme allows lenders to offer loans with a deposit as low as 5%, thanks to support from the government. The use of the scheme decreased visibly and the alternative options to lend to those who only have a 5% deposit are available on the market outside the scheme at a similar if not cheaper price.

The scheme is set to close at the end of the year. The Government state that helps to get first time buy-



ers on the property ladder still exists in the form of other similar schemes like equity loans to buy newly-built homes or the Help to Buy ISA savings scheme.

Mark Carney, the Bank of England governor in the letter to Chancellor, Mr Hammond said: "Given the

decreasing usage of the scheme over time, the Committee judges that the closure of the scheme would be unlikely, in current market conditions, to affect significantly the provision of finance to prospective mortgagees, including high loan-to-value borrowers."

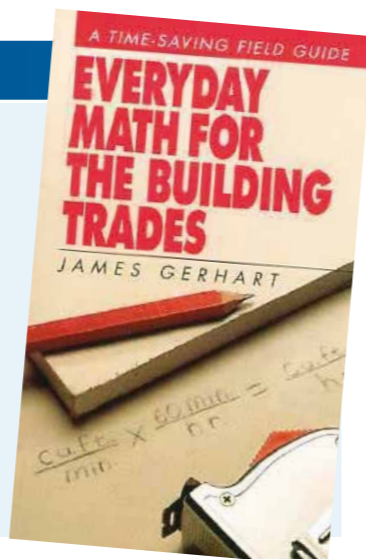
BOOK REVIEW

Everyday Math for Building Trades

by James Gerhart

Find solutions to everyday math problems with this excellent reference guide. It shows how to use math at work focusing on trades like electricians, plumbers, carpenters, roofing etc. It includes diagrams, tables, charts and examples of cost calculations. Information on how to calculate roof pitch, materials to build a wall or

stair risers etc. or instructions on valuable advice for labourers to use on site. Full of easy to remember tips and tricks. Packed with examples. It will definitely help to avoid wrong cost calculations which may lead to negative project yields. Broaden your math knowledge to succeed in building trade with this guide.



New CISRS Cards Poster Issued

CISRS has issued a brand new card information poster entitled 'Have you got the right card?' which is available to all free of charge by emailing enquiries@cisrs.org.uk.

The CISRS poster has been created in order to provide a quick reference point for those wishing to ensure that individuals carrying out scaffolding operations on their sites have completed the relevant training, experience and assessment and are holding the correct CISRS card.

The poster includes the full suite of CISRS cards; Scaffolding Labourer, Basic Access Systems Erector (BASE), Trainee, Scaffold, Advanced Scaffold, Scaffold Supervisor and Basic and Advanced Scaffold Inspector. It provides details of what each card should look like, how they are obtained and what work they entitle the card holder to carry out. It also highlights the importance of looking for the correct endorsement on the rear of the card for those operatives using Systems Scaffolding.

CISRS Scheme Manager, Dave Mosley said: "Having just re-issued the CAP 609 General Information booklet, which documents the CISRS scheme rules in detail, it made sense to update the posters which provide the basic information at a glance. They have always been popular and well received document and we will make them readily available to any interested party."

"The eye-catching poster is a must for all clients, employers, training providers, Health and Safety consultants etc. involved in the scaffolding sector."

To obtain copies of the new poster, or for a full list of approved CISRS & OSTs training providers, further details about CISRS card courses, mandatory 2017 CPD training, changes to courses following the introduction of SG4:15 and TG20:13, information and dates on courses available or to find out more about the CISRS scheme, please visit www.cisrs.org.uk or email enquiries@cisrs.org.uk.



The National Construction Academy

The National Construction Academy (NCA) was officially opened by Nick Knowles on the 14th October 2016 in Derby City Centre. The academy has been set up to address the skills shortage in the construction industry by creating the training opportunities through the high quality, apprenticeship programmes.

The academy currently offers a traineeship and apprenticeship in bricklaying to 'Fast Track' candidates into the construction trade. The NCA traineeship offers candidates extensive support and training to achieve their CSCS card and to understand the practical skills and knowledge. NCA is part of Aspire Achieve Advance (3AAA) an Ofsted Grade 1 training provider operating on a national basis. 3aaa has its headquarters in Derby and works with young people and employers in the Midlands.

The NCA offers free match and fill recruitment to select the most appropriate candidates for the particular business.

Traineeships

The NCA offers training which helps achieving CSCS cards and develop the practical skills and knowledge required to be the skilled labourer. The training lasts 12 weeks, including 6 weeks of training and 6 weeks of work experience with an employer. Each trainee will follow onto an apprenticeship program with that employer. Pay is optional, 6 week commitment.

Apprenticeships

The level 2 apprenticeship in Trowel trades allows candidates to achieve their City and Guild L2 qualification and become a trained member of the worksite. The programme lasts for a minimum of a year and is studied on a day release basis. Minimum pay of £3.40 per hour for at least 30 hours per week, 12 week commitment.

For full details, requirements and benefits on the NCA traineeships and apprenticeships or to find out if an apprenticeship is right for you or your business, contact NCA apply@ncaapp.co.uk

Source: ncaapprenticeships.co.uk

ArchitEx 2016

Reserve your free tickets now!

With over 30 industry experts confirmed to speak in 8 conference sessions and a series of workshops at ArchitEx next month, this free-to-attend event for industry professionals is a worthwhile day or two out of the office.

ArchitEx brings together architects, specifiers, building designers, developers, planning officers and suppliers together in a regional setting to explore local opportunities, debate topical issues, learn from national and international case studies, discuss the latest design trends, network with new contacts and to source the latest technology, products and materials.

Launched in 2015, this annual event incorporates a free-to-attend high-level conference and

exhibition with built-in networking opportunities. The event is supported by Atlantic Gateway, Liverpool City Council, Liverpool Vision, CIOB, Builder & Engineer, CPD Certification Service and Vision Publications.

The conference-led exhibition will be held at the new Exhibition Centre Liverpool from Tuesday 15th and Wednesday 16th November, kicking off with an opening session looking at future of Liverpool and the Atlantic Gateway with speakers Max Steinberg CBE, Mark Kitts, Liverpool City Council and Kate Willard chair of the Atlantic Gateway board.

Ellen van Loon, Partner at OMA will be flying in to explain how they are creating a cultural anchor for Manchester with The Factory, whilst other topics covered focus on placemaking, the future of housing, the development landscape of the North West and practical advice on how to grow and develop your business.

A series of workshops will also run alongside the conference including sessions hosted by The Chartered Institute of Building who will offer career advice as well as looking at building conservation and heritage. The Local Authority Building Control, will also be running workshops to offer practical advice on how to work in a collaborative partnership to achieve compliance without compromise.

The exhibition will include a number of products and services from suppliers such as Multimesh, Cadspec, Ensor Building Products, Bluebeam Software, Flowcrete, Renson, A Proctor Group, Wicksteed Playgrounds, Wedge Group Galvanizing, ADO Metal Drainage, The Planning Portal, Heckmondwike and OM Safety Solutions.

There will be a drinks reception hosted by the Planning Portal offering a fantastic networking opportunity for all attendees. View the full programme of events and reserve your pass online at www.architexevents.com





Foundations for the future

Home Builders Federation in collaboration with ITN Productions produced new film "Foundations for Future"- a news style programme exploring innovations and best practice within the home building profession.

The Home Builders Federation (HBF) and ITN Productions have launched a news and current affairs-style programme. 'Foundations for the Future'

looks beyond the bricks and mortar at the innovations and investments taking place across the home building sector. These range from securing finance for building sites to connectivity in new build homes. The programme explores the impact 'NIMBYism' has on planning permission and how to build homes today that will be sustainable in the long-term.

'Foundations for the Future' premiered during the UK Construction Week. Presented by national newsreader Natasha Kaplinsky, the programme features key industry interviews and news-style reports, along with sponsored editorial profiles of some of the leading organisations in the sector.

The way Homebuilders work with the Government is changing constantly. The Home Builders Federation wish to ensure senior politicians and government officials are aware of housing issues, the challenges faced by their members, and find methods that are workable for the industry to deliver on targets. In an interview, Peter Andrew, Deputy Chairman of the HBF discusses the support offered by Theresa May's government to homebuilders and how the sector has bounced back after Brexit. Recognising and managing skills shortages and encouraging younger people to enter the sector is another key theme in 'Foundations for the Future'. A total

of seven sponsored news-style reports feature in 'Foundations for the Future', championing innovation and forward-thinking sustainable solutions:

- **AES Sustainability Consultants** - Adding value to new build homes
- **Aldermore** - Championing bespoke housing developments
- **Gladman** - Sustainable development on greenfield sites
- **HWO Architects** - New solutions to London's housing crisis?
- **Rectical Insulation** - Thermal insulation solutions

- **Sky** - Instant access to entertainment, phone and broadband in your new home
- **Virgin Media** - Improving the broadband infrastructure

Stewart Baseley, Executive Chairman, Home Builders Federation, said: "The house building industry faces a range of challenges, but as the film shows, it is tackling them head on. All the fundamentals are in place to allow the industry to look forward optimistically and deliver further increases in housing supply."

Simon Shelley, Head of Industry News, ITN Productions, said "We've thoroughly enjoyed our partnership this year with the Home Builders Federation,

examining the major challenge of building desperately needed homes, and building them better through the development of skills and people in the sector, incorporating innovative solutions, and creating successful collaborations with planners and authorities. We hope the programme will be a means of sharing ideas and knowledge, and foster engagement between key organisations and people dedicated to shaping the right future for home builders and home owners."

'Foundations for the Future' is now available at the Home Builders Federation's website: www.hbf.co.uk/foundations

Source: www.hbf.co.uk

Home Building Fund

The UK Government introduced the 3 million government finance to boost the housebuilding sector in the UK. The housing crisis is the government priority, and this fund should increase the number of houses which are built in the UK.

As part of the government's action to tackle the housing deficit and ensure everyone has a secure place to live, the Communities Secretary and the Chancellor made it clear that they are determined to take action and get more homes built. Measures see the launch of a massive £3 billion Home Building Fund. This will help to build more than 25,000 new homes this Parliament and up to 200,000 in the longer term. The fund will provide loans for small and medium enterprise builders,

custom builders, offsite construction and essential infrastructure, creating thousands of new jobs in the process.

Sajid Javid said: "This government is getting on with the job of building a country that works for everyone. We've made great progress fixing the broken housing market we inherited but now is the time to go further. We want to ensure everyone has a safe and secure place to live and that means we've got to build more homes.

It is only by building more houses that we will alleviate the financial burden on those who are struggling to manage."

Homes and Communities Agency CEO Mark Hodgkinson said: "We're determined to speed up delivery and promote new approaches to housebuilding. The new Home Building Fund offers the industry flexible development and infrastructure finance and we're open for business right away. From today, builders and investors just need to give us a call to start discussing funding for new homes. Our dedicated team will also provide expert ongoing support to new entrants to the sector and those companies proposing innovative solutions to speed up house building."

"community-led housing projects, serviced plots for custom and self-builders, off-site manufacturing, new entrants to the market and groups of small firms working in consortia to deliver larger sites". A range of non-financial support is also available.

Finance can be provided on short term or long term basis. The commercial interest rates and the arrangement fee will apply. Loans are secured against the property assets.

The fund specification

- loans of £250,000 to £250 million are available with smaller loans considered for innovative housing solutions and serviced plots for custom builders.



The Homes and Communities Agency (HCA) is the national housing, land and regeneration agency in England. It is sponsored by the Department for Communities and Local Government. The HCA has been providing loan finance to the private sector since 2008. During this time, the HCA has made available loans and investments totalling over £4.4 billion to support the private sector to build new homes and bring forward land for development.

On behalf of the Government, the Homes and Communities Agency (HCA) provides two types of funds: development finance and infrastructure finance. *Development Finance* is a loan funding to meet the development costs of building homes for sale or rent. *Infrastructure Finance* is a loan funding for site preparation and the infrastructure needed to enable the housing to progress and to prepare land for development. Loans can be individually tailored.

Financing is available to support projects like

- typical terms are up to 5 years for development finance, and up to 20 years for infrastructure loans
- interest is payable at transparent, pre-agreed variable rates
- eligible costs will be discussed with each applicant and depend on the type of funding requested
- sales income can be recycled to minimise the loan request
- subordinated lending will be considered
- finance is available to draw down up to 31 March 2021
- eligible costs will be discussed with each applicant and depend on the type of funding requested. (Source: HCA)

The Fund provides loan finance with other forms of financial support considered. The HCA is an investor in the Housing Growth Partnership which supports residential development projects - for more details visit www.housinggrowth.com.

The eligibility

- applicants will need to demonstrate that without this funding the scheme would not progress as quickly, or at all
- developments must be in England
- the borrower must be a private sector entity which has majority control of the site
- development projects must build a minimum of 5 homes
- the borrower must be a UK registered corporate entity
- infrastructure projects must ultimately lead to the development of new housing
- the minimum investment the Fund will make is £250,000, except in the case of innovative housing solutions and serviced plots for custom builders.

(Source: HCA)

The government is looking to invest funds that will ensure the following:

- the best value for money for the taxpayer
- quick delivery
- local support
- projects that match policy priorities, such as Housing Zones, brownfield development, diversification and innovation
- projects that match government housing priorities, such as starter homes, estate regeneration, Garden Villages and Towns and making use of available public sector land

The application

Contact HCA to check if your project meets the eligibility criteria. If yes the investment team will guide you through the application. Be ready to provide some details about the development plans and your business finances. An assessment of financial standing and risks associated with lending to the business and the project can be carried out by the HCA. Lending decisions will be made by the HCA and their decision is final.

Apply online at gov.uk/homebuildingfund, call 0300 1234 500 or email homebuildingfund@hca.gsi.gov.uk.

This article is for informative purpose only, for detailed up to date information refer to HCA.

Fresh Guidance

for house builders on underfloor heating

New guidance outlining best practice for the installation of underfloor heating has been issued by the NHBC Foundation.

The number of new homes with underfloor heating has increased in recent years because it helps free up wall space and has the energy efficiency advantages. Underfloor heating can also be particularly well suited to retirement housing, where there is a need to maintain constant warm temperature.

However, this is a relatively unfamiliar technology with a range of potential risks. For example, the pipework is concealed, so there is risk of damage from subsequent building work or drilling into the floor should the builder not have accurate information on the layout of the system. Also, installations often undertaken before the residents final furniture layout and preferences for carpets and rugs, have been decided, which might result in restricted heat transfer.

Underfloor heating, a guide for house builders set out a number of recommendations to make sure the underfloor heating is as effective as possible. These range from making sure the pipework distribution is properly planned to maintain an even temperature across each room, to recommending that installation takes

place after external windows and doors have been fitted and once the home is watertight to mitigate the risk of frost damage.

Neil Smith, Head of Research and Innovation at NHBC, said: "Underfloor heating systems offer many advantages in new homes, including improved aesthetics and comfort levels. It also has a part to play in improving energy efficiency, provided the system is correctly designed and installed and set to operate properly.

"This best practice guidance is aimed at helping smaller companies in particular to get things right and ensure that systems deliver all of their advantages in practice whilst avoiding potential problems. We are grateful to the building services industry experts at BSRIA for their support in the development of this guide."

The NHBC Foundation guide is a comprehensive guidance on 'wet' UFH systems installed in various floor constructions. It covers all aspects from design, through installation up to system controls, testing, commissioning and maintenance. It is available to download from www.nhbcfoundation.org.



Features

1. BS EN1264-2[1] limits the maximum temperature of the floor surface to 29°C to protect floor finishes and health of residents. However, for some flooring materials, lower temperature might be required
2. The installer must inform what is the final layout of the UFH to prevent the risk of damage.
3. The responsiveness of the UFH varies depending on the floor finish, for instance in the case of the screed the time of heating might be longer.
4. The installer should make his clients aware that the furniture and additional carpets could limit the performance of UFH.
5. The layout of UFH should take into account the overall design including plumbing, sanitary ware, installations etc. to avoid eventual disruptive works
6. UFH pipework loops running should be avoided under WC as this may result in damage and leakage
7. At the design stage check with the UFH manufacturer the guidance on the proposed floor construction and finishes or the layout and spacing of the heating loops.
8. Locate manifolds for easy access, ideally centrally to enable a layout of supply and return pipework loops. The pipe runs between heating zones, and manifolds should be kept to a minimum.
9. Avoid twisting or bending the pipework loops that leads from/to manifolds to allow the not obstructed flow of water. Use metal formers to achieve 90° bends.
10. To allow access in the case of leaks no joints should be embedded in the screed.
11. Manifolds installation must be securely fastened to a wall in a way that prevents any bends in the pipework loops which could limit the flow.
12. Proper insulation of installation will limit the heat loss (check with the manufacturer for details)
13. Proper labelling of installation will allow identification to which ports of the manifold individual ports are connected.

Source: NHBC Foundation

Summary of content

Introduction

- Explaining underfloor heating, how it works, its contribution to energy efficiency and its benefits, including:
- Compatibility with low temperature heat sources, such as condensing boilers and low carbon heat pump technologies
- Delivering stable/constant temperatures for occupants
- Delivering comfortable temperature profiles in rooms
- Allowing flexibility in interior design of rooms
- Safety: no hot surfaces which might injure children or the elderly
- Maintenance: underfloor heating systems are designed for easy maintenance.

Key considerations

Describes the key components of an underfloor heating system and the main steps in the installation of systems in timber floors and concrete floors.

Heat source

Explains the heat sources that can be used with underfloor heating and considerations for each, including gas, oil and biomass boilers, heat pumps and community heating systems. Considers how systems deliver heating and hot water.

System distribution

Includes guidance on the following:

- Primary pipework
- Manifold assemblies
- Location of manifolds
- Maintaining water flow
- Preventing leaks
- Secure fixing
- Insulation around manifolds
- Labelling of manifolds

The floor as a heat emitter

Making sure that the underfloor heating is effective. This section includes guidance on:

- Layout of pipework loops
- Heat output of emitter/floor
- Insulating the floor

Installation

Includes guidance and illustrations for concrete, timber, floating and acoustic floors.

Programmers and controls

This section explains the Building Regulations guidance for controls and gives guidance on the using controls and settings for programmers.

Testing

How to pressure test the installation and inspect for quality of installation.

Commissioning and maintenance

Includes notes on water treatment and maintenance checks of the manifolds.

Handover

An introduction to what should be included in handover material/user guidance for residents and home owners.

(Source: NHBC Foundation)



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19th-25th September 2016

Nationwide Safety Campaign

Gas Safety Week 2016

IBB Builder pledged its support for Gas Safety Week 2016

Gas Safety Week is an annual safety week to raise awareness of gas safety and the importance of taking care of your gas appliances. It is coordinated by Gas Safe Register, the official list of gas engineers who are legally allowed to work on gas. This year Gas Safety Week was from the 19th to the 25th of September.

Badly fitted and poorly serviced gas appliances can cause gas leaks, fires, explosions and carbon monoxide poisoning. Every year thousands of people across the UK are diagnosed with carbon monoxide poisoning. It is a highly poisonous gas. You can't see it, taste it or smell it, but it can kill quickly with no warning.

If you're a Gas Safe registered engineer, help remind customers they should:

- Check their gas appliances every year. Gas appliances should be safety checked once a year and serviced regularly by a Gas Safe registered engineer. Tenants – make sure the landlord arranges this. Encourage your customers to set a reminder so they don't forget at www.staygassafe.co.uk.

- Check their engineer is Gas Safe registered. They can find and check an engineer at www.GasSafeRegister.co.uk or call 0800 408 5500.
- Check their engineer's Gas Safe Register ID card. Make sure they are qualified for the work they need doing. They can find this information on the back of the card.
- Check for warning signs their appliances aren't working correctly e.g. lazy yellow or orange flames instead of crisp blue ones, black marks on or around the appliance and too much condensation in the room.
- Check they know the six signs of carbon monoxide poisoning – headaches, dizziness, breathlessness, nausea, collapse and loss of consciousness.
- Check they have an audible carbon monoxide alarm. This will alert them if there is carbon monoxide in their home.

The sixth annual Gas Safety Week has seen organisations from across the UK working together, to encourage all gas consumers to arrange an annual gas safety check. The particular focus was on encouraging the public to reach out to their friends and family, be they elderly parents or a disabled neighbour, to ensure they are gas safe. Poorly maintained gas appliances can cause gas leaks, fires, explosions and carbon monoxide (CO)

poisoning. In the last year, at least 55,200 homes in the UK escaped deadly gas incidents such as these, thanks to engineers switching off dangerous appliances¹.

With 22 deaths and nearly 1,000 gas-related injuries in the last three years², it's vital that people make sure their gas appliances are safety checked every year, by a Gas Safe registered engineer. Anyone working on gas appliances while not being Gas Safe registered is working illegally.

By law, only Gas Safe registered engineers can work on gas appliances. There have been 22 deaths and nearly 1,000 gas-related injuries in the last three years³. An estimated quarter of a million illegal gas jobs are carried out every year by unregistered workers, who do not have the skills or the qualifications to do the job safely. It's therefore vital you make sure your engineer is registered with the official gas authority, Gas Safe Register.

Jonathan Samuel, managing director for Gas Safe Register, said: "It's great to have the support of IBB Builder this Gas Safety Week. By working together we can reach more people and help to reduce the number of dangerous gas appliances that could be lurking in the homes of the UK's 23 million gas consumers. We know from our own investigations that around one in six gas appliances



in the UK are unsafe⁴, meaning far too many people are victims of preventable gas related incidents.”

Reach out to those who need help keeping gas safe at home by following these top tips:

- Help them to sign up to a free annual gas safety check reminder service at www.staygassafe.co.uk. You could even sign up on their behalf, so the reminder is sent to you each year
- Make them aware of the signs that an unsafe gas appliance may cause:
- A lazy yellow flame instead of a crisp blue flame; soot or staining on or around the appliance; excess condensation in the room
- Carbon monoxide (CO) has no smell, taste or colour. The symptoms of CO poisoning include headaches, dizziness, nausea, breathlessness, collapse and loss of consciousness, which can easily be mistaken for something else
- Make sure they know to 'Trust the Triangle' by asking to see their engineer's Gas Safe ID card and checking it to make sure the engineer is covered to check or fit the appliance in question.

To find out about dangers in your area visit www.StayGasSafe.co.uk and to find a Gas Safe registered engineer call 0800 408 5500 or visit www.GasSafeRegister.co.uk.

The Gas Safety Week is the initiative supported by numerous organisations through out the UK to raise awareness of the danger of poorly maintained gas appliances, which can cause gas leaks, fires, explosions and carbon monoxide (CO) poisoning. The sixth annual edition of the Gas Safety Week was officially launched at the Parliament on the 13th September with industry speakers from Gas Safe Register, the All-Party Parliamentary Carbon Monoxide Group (APPCOG), the Gas Industry Safety Group and the Katie Haines Trust. Gas Safety Week - coordinated by Gas Safe Regis-

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Gas Safe Register surveyed 1,199 registered engineers between July 2015 and June 2016.



ter - provides a platform for the gas industry, consumer organisations and individuals to focus all our communications about gas safety in one week, generating interest in the media and having a greater impact amongst the public. To attract people, the Gas Safe mascot was there for photos and introduction into this important matters.

Gas Safe Register is the official list of gas engineers who are qualified to work safely and legally on gas appliances. Registering with Gas Safe Register is a legal requirement for anyone carrying out gas work in the United Kingdom, Isle of Man and Guernsey.

For more information about registering, visit www.GasSafeRegister.co.uk, email register@gassaferegister.co.uk or call 0800 408 5577.

How to find an engineer

Gas Safe Register is the official list of gas engineers who are qualified to work safely and legally on gas appliances. By law, all gas engineers must be on the Gas Safe Register. It replaced CORGI.

To make sure that gas appliances such as boilers, fires, ovens and hobs are fitted, fixed and serviced safely, only a Gas Safe registered engineer should carry out the work. If someone other than a Gas Safe registered engineer undertakes gas work, they are breaking the law and could put lives at risk. To prove they are legally permitted to work on gas, all Gas Safe registered engineers have an ID card with their own unique licence number and a photograph. Those in the building industry must always check that engineers contracted to undertake gas work are on the Gas Safe Register. To find or check an engineer go to www.GasSafeRegister.co.uk or call 0800 408 5500.

¹ Gas Safe Register surveyed 1,199 registered engineers between July 2015 and June 2016. Amongst surveyed gas engineers, 46% per cent said they had switched off a deadly appliance in the last year. There are 120,000 registered engineers, so 46% per cent equates to at least 55,200 homes avoiding a deadly gas incident.

² 22 people died from gas related incidents in the UK in the last three years and 949 non-fatalities were reported (Source: <http://www.hse.gov.uk/statistics/tables/ridgas1.xls> statistics 2012-15)



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Fire Door Installation

Stick to the Spec was a key message in Fire Door Safety Week, which took place this year from 26th September to 2nd October, for every builder, contractor and installer: stay safe, save lives and stick to the specification. With pressure on contractors to bring projects in under budget, saving costs by specifying sub-standard, low-quality fire doors have been occurring.

However, there are major risks to contractors and their clients if a specification is ignored. These include lack of adequate insurance protection, non-compliance with the Fire Safety Order, non-compliance with Building Regulations, in particular Regulation 38, and of course insufficient protection

for life or property. FDIS Certificated Inspectors are qualified to undertake fire door inspections.

Installation

Installing a fire door is not as obvious as an ordinary one. The fire doors should be fitted in accordance with manuals and regulations to make sure their fire resistance will be kept.

- **Check seals**
- **Check hinges**
- **Check gaps (Gaps around and between the door leaves should be no more than 3mm.)**
- **Checking for certification**
- **Check if door close properly**

According to the national fire safety regulations, fire doors are required in almost every building built in the UK. The requirements specified here are based on the England and Wales Building Regulations.

Regulation 38

Regulation 38 of the Building Regulations for England and Wales requires to provide the fire safety information to the occupants at the completion of a project, or when the building or extension is first occupied.

Contractor has to pass the following details to either HSE inspector, architect, project manager or client:

- The location and rating of every fire door in the building.
- The fire door certificate.
- The type of seal (intumescent / smoke seal / acoustic) fitted to the door or frame.
- Details of the door frame (hardwood, softwood, MDF etc.) and how that relates to the fire door test.
- Details of hinges, closers and other essential building hardware (CE marked) and how that relates to the fire door test.
- Maintenance information for each component, including the door leaf.
- Frequency of inspection and maintenance, depending on expected usage of the door.



CHECK SEALS



CHECK HINGES



CHECK GAPS



CHECK SIGNAGE



CHECK IF DOOR CLOSE PROPERLY

All photos: FDSW

Approved Document B – Fire Safety

Installation of fire doors

Fire doors are required in domestic dwellings above two levels. Doors at all levels leading to the staircase must be a fire door if leads to a room. Moreover, fire doors are compulsory in loft conversions, between the house and integral garage, between the residential and commercial parts of the building. Please refer to regulations for rules in non-domestic premises (escape routes etc.).

Fire resistance period of fire doors

Fire doors FD60 are required in buildings connected by the compartment wall. Such doors must be fire resistant for 60 minutes. In other situations, a 30 minutes fire door FD30 is acceptable. There are also fire doors FD20 with 20 minutes resistance, but such are not recommended by the BWF-CERTIFIRE Scheme.

Fire doors signage

Adequate signs such as 'keep closed' etc. are required in non-domestic buildings.

Smoke seals requirement

Smoke seals are required on doors in staircases and corridors or a front door. The 3mm gap should be left.

Approved Document E – Resistance to Sound

The sound resistance of doors is necessary if doors separate the occupants of the building. Acoustic seals might be required on a fire door, including at the threshold.

Approved Document F – Ventilation

For residential buildings, a ventilation gap to allow air movement of total 7600 mm² is recommended at the threshold of the door. It is recommended to measure from the highest finished floor covering to the bottom edge of the door, so for instance for a 762 mm wide door the 10mm gap will be required, (8 mm for a 926 mm wide door). This can be achieved by making an undercut of 10 mm above the fitted floor finish. Refer to architect's specification for ventilation requirements, in non-domestic buildings.

Approved Document L – Conservation of fuel and power

Fire doors which lead to common corridors, garages or external doors will have to provide for



energy efficiency to ensure they keep heat loss to a minimum.

**Approved Document M
– Access to and Use of Buildings**

This document recommends usage of doors in buildings for disabled persons. Please refer to the document for details such as door widths, visual contrast of doors, opening force, vision panels, etc.

**Approved Document N
– Glazing safety**

When doors are located under 1500mm from floor level or if the smaller dimension of the glazing area is greater than 250mm.

Please note this information is for guidance only. Refer to relevant authority before implementation.

(Source: BWF-CERTIFIRE Fact Card, Building Regulations, November 2012)



5 things to check for fire door safety



1. CERTIFICATION

Look for a label, a plug or similar marking to show that it's certificated & follow the instructions. **IMPORTANT:** All ironmongery such as locks, latches, closers & hinges, MUST be CE marked & compatible with the door leaf's certification.



2. APERTURES

Altering the door for glazing apertures and air transfer grilles will make certification **VOID**.



3. GAPS & SEALS

Check the gap around the door frame is constant and around 3 to 4 mm & CE Marked hinges are firmly fixed with no missing screws. Ensure seals are fitted at the top and sides of the door.



4. CLOSERS

Check that the closer shuts the door onto the latch from any position – check from 75mm from the closed position.



5. OPERATION

Ensure the door closes correctly around all parts of the frame.



Smart Measure Pro

Delivering professional estimates in minutes

STANLEY® has announced the launch of the Smart Measure Pro, an innovative, time-saving device that can capture the height, width and area of targeted locations from pictures taken on a smart phone – generating quick and accurate estimates in four simple steps.

After attaching the Smart Measure Pro to a smart phone and connecting them via the Smart Measure Pro App, the user simply takes a picture of the required surface area, and the intelligent digital device automatically calculates the materials required. Via the app, it is also possible to review, store and share the same measurements and estimations to a desktop device.

An essential tool for urgent jobs, the STANLEY® Smart Measure Pro is designed to provide immediate calculations of specific material requirements preset within the application. For painters and decorators, it makes the perfect companion for determining paintable surface areas, while general contractors will find it invaluable for calculating dimensions for walls, windows or doors.



Ideal for a wide range of professions, users will appreciate the tool's 'smart' capabilities and time-saving features. Connectivity via Bluetooth ensures the phone, tool and application work seamlessly, with the camera and Smart Measure Pro communicating with the help of an invisible, embedded laser. The laser measurer wirelessly syncs with the application to generate accurate measurements in real time, and stores them automatically in the app's database. This provides users with the convenience of viewing the measurements immediately or storing them to review at a later time. The user can then share the saved files containing the embedded measurements to colleagues / subcontractors either on site or back at the office without them needing a Smart Measure Pro themselves, they simply need a version of the free application on their tablet or phone, making the device even more versatile.

The STANLEY® Smart Measure Pro can be used with tablets and smart phones and is compatible with both iOS (Apple) and Android devices (full list can be found below). The Smart Measure Pro application can be downloaded free of charge from

the Apple App Store and the Android Play Store, although some features may require subscription or in-app purchase. Files can be exported in JPG and PDF format.

The Smart Measure Pro is powered by an internal lithium-ion battery and is equipped with a standard USB cable for charging.

(Source: STANLEY®)



Compatibility

Smartphones

iPhone 4s, 5, 5s, 5c, 6, 6 Plus, 6s, 6s Plus - ikeGPS preferred phone for Point to Point, **Google Nexus** 5, 5X, 6, 6P, **HTC** One M8*, One Mini*, **Motorola** Moto G*, Moto X*, **Samsung** Galaxy Note 3, Note 4, Note 5, S4, S4 Mini*, Galaxy S5, Galaxy S6, **Sony** Xperia Z1, **Samsung** S5 mini

Tablets

iPad Mini (2nd, 3rd & 4th generation) – ikeGPS preferred Table for Photo Measure, **iPad** (3rd & 4th generation), **iPad Air** (1st & 2nd generation), **iPod** Touch (5th generation – with camera), **Google Nexus** 7 (2013), **Samsung** Galaxy Tab S8.4, Tab 4, Tab Active, Tab A, Tab S2

BUILDING

MATERIALS

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Croydon CR0 4ZS
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IBB Birmingham
425 Walsall Rd,
Birmingham B42 1BT
0121 356 8655, sales@ibb.pl

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Unit 24, Piccadilly Trading Estate,
Manchester M1 2NP
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CONTRACTOR INTERVIEW



SH
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Contractor Interview

How to secure the successful project?

Construction projects can return high profit margins and build the profitable business. However, there are various risks that can decrease project yields or make them negative. Profitability is connected with proper planning, setting a right and competitive project margin at the time of tender and the professional execution of all project phases. Doing it right requires the experience and knowledge.

Artur Walenda, the Managing Director of construction company Silver Horizon, explains how to secure the successful project and build the profitable business.

How long have you been in the construction business? In what types of projects do you specialise?

15 years. Including 12 years in the UK. I started with small projects of Kitchens and Bathrooms. In the course of time they grew into bigger ones. Presently I specialise in: general house refurbishment, loft conversion, house extension and new dwellings. I'd like to add that designing and installation of bathrooms, wet rooms and kitchens are still my favourite types of projects.

What is your background and experience in the construction industry?

I studied for 4 years construction industry at the faculty of Civil Engineering at Krakow Technical University. At the same time I founded a construction company in the UK which I manage until this day. For a few years I have been cooperating with architects and people who deal with developer projects and this was the greatest school of life and the most difficult experience. Each day may be surprising and it still brings on new experiences.

What are the keys to successful project execution?

Interpersonal communication. The dialogue with a client, employees, architects. And with all the peo-

ple who work together on a joint project at a given moment. Proper organisation of duties and executing them on proper time and with a proper advance. And the quality, which will be our showcase long after the completion of the project.

Which business practices result in the greater profitability?

The greatest profit is the smile of a satisfied client. A client's satisfaction is more precious than the money earned. I'm a proponent of gradual enrichment where the goal is the perspective of further and constant development and broadening of your mind. Those who want to enrich themselves fast, end up their careers quickly.

How to be competitive during the tender process?

There are different methods to lower the price in the preliminary reading. Providing the low price and adding next to it PS - Provisional Sum - enables to achieve low final price and thereby the possibility to win the tender. When the project is going on, the PS may reach much higher level and in this way the contingency, which is the provision for unforeseen expenditures, diminishes in an express pace and the costs of the whole project rise. Personally I have experienced using such methods and I find them disappointing for all the parties. It's better to lose 9 tenders out of 10, than to lower the prices in order to win as many tenders as possible.

How do you improve project control?

I use an old-school method, the board and self-adhesive small sheets of paper with assigned tasks for particular days and weeks. The information writ-



ten on them enable to control the scope of works and to meet the deadlines. It's clear to the labourers who plan their subsequent tasks according to it. It also gives a client the idea about the subsequent stages of work. The small sheets contain information about all deliveries, appointed meetings, inspections, trainings and subsequent stages of works. The work schedule in Excel keeps guard over all of it which I update 2 or 3 times a week.

How do you organise the scheduling of works on a project and what steps do you undertake in case of delays?

My experience allows me to plan the deliveries of the most important elements (such as bricks, windows, kitchen) of a project well in advance. Setting the specifics of finishing the details at the



needed for a particular project. It sounds simple, but it's not always that simple.

In your opinion what is the most difficult part of the construction project - establishing relations with the client or architect, managing team and deadlines, implementing changes in the building contract, or meeting the requirements of Building Regulations?

Throughout the course of the whole project there are many emotions, including uncertainty. Maintaining client-contractor relations with the sense of security and trust is a key challenge. In order to achieve this goal I regularly meet with a client and/or architects in order to maintain the dialogue, to show which of the works have been completed and which of them require action later on. A meeting is an ideal moment for answering the questions of all the parties, analysing the changes, if there are some and setting the goals for the next week. Two meetings in a month are necessary, though there are some projects in which I organise the meetings at least once a week, depending on the client's needs.

A direct contact and good relations with a construction site inspector are also a priority. I take into account all his remarks and comply with his recommendations. Thanks to it I am sure that apart from obtaining the Completion Certificate, I will also be qualified for London Building Excellence Awards by LABC.

preliminary stage and during a project is also a key factor and it has an influence on the completion date. Starting the talks with utility providers (National Gas Grid, UK Power Networks, Thames Water, BT) at the preliminary stage of a project will help to avoid unnecessary delays. Delays are caused by many factors and one can't always avoid them. When such delays occur, you have to roll up your sleeves and work even harder for the quality without compromise.

How can you predict risks in the expected project profitability? How to apply the necessary changes to project execution before it is too late?

Providing for Contingency Sum in the contract for unexpected expenditures is a certain provision. There are always some additional costs and one has to be prepared for them. The best way to minimize the losses is to meet the deadline and to make sure there is a proper number of labourers who are



Do you or your labourers take part in the training and qualifications upgrades to stay up to date with innovation and new technologies?

Once a month I carry out HSE training in accordance with the latest CDM regulations. We discuss the risk at work, the role of responsibility and scope of duties of each labourer. Each of the trainings is noted down, entered in the books and ready to be viewed in case of inspection.

Innovations and new technologies are the realm of architects, although I must say that I'm also interested in it and I never miss any exhibition in London or Birmingham, such as Ecobuild,

BuildShow, Homebuilding and Renovating Show or Ideal Home Show.

What is your opinion on Brexit and its influence on construction businesses?

I think that Brexit will not influence significantly the pace of development in construction sector. Perhaps the luxury finishing sector will slow down, but these are my personal speculations. Something very bad would have to happen in order to reverse the growth trend. The negative aspect of Brexit, which is already noticeable, is the lower activity of specialised workers in the market. The difficulty to find suitable workers

results in the complications in the completion of projects. There can be different consequences. Starting from the reduction of Polish companies in the market, ending with unwillingness to participate in tenders. To sum up, there will be much work, but there won't be enough workers.

What is your opinion on building contractors coming from EU? Do you think their presence is essential in the UK construction sector?

Our presence is crucial in the sector of small and medium projects. I don't maintain that we are indispensable, but I don't think that London could be developing

so beautifully without our participation. In the construction sector Polish workers are at the forefront in terms of quality, commitment and maximum effort that we put in order to achieve satisfaction and success. I hope that such an opinion, developed throughout the last decade or two, will be held many years from now.

When searching for building materials for your projects what are the most important factors that you consider - price, quality, availability, innovation, service and assistance, etc.?

The most important thing is to combine quality with the price. This is an inseparable connection. Good

quality materials don't need to be expensive or can be replaced with counterparts that are equally good. In most of the cases the availability of materials is subsidiary. The delivery that has been planned well in advance will enable to save up the costs, at the same time receiving good product on time.

Personally, I buy most of the materials from Polish wholesalers. And here the example of IBB Polish Building Wholesale is perfect. Competitive prices, speedy delivery and excellent customer service. There are also materials that I import from abroad. For example, windows from Germany or Lithuania. Kitchens and Bathroom furniture from Poland and Lithuania. Floors from

Poland. It is best to import from Poland heavier materials, such as cement blocks or reinforcement bars, if you need them in large quantities.

As the established and successful construction company, what tips do you have for new entrants into the sector?

Be open, but alert. Be flexible, but specific. Be creative and predictable. Respect people and earn other people's respect through hard work. Keep company with good people !!

Visit Silver Horizon website
www.silverhorizon.co.uk

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- **Future of housing** – the latest on housing design and sustainability, plus updates from local authorities on planning for new homes in the region and issues around the emerging PRS market
- **Design & delivery** – hear from leading architects on how they go about delivering their vision, creating good client relations and tips for delivering on time and on budget
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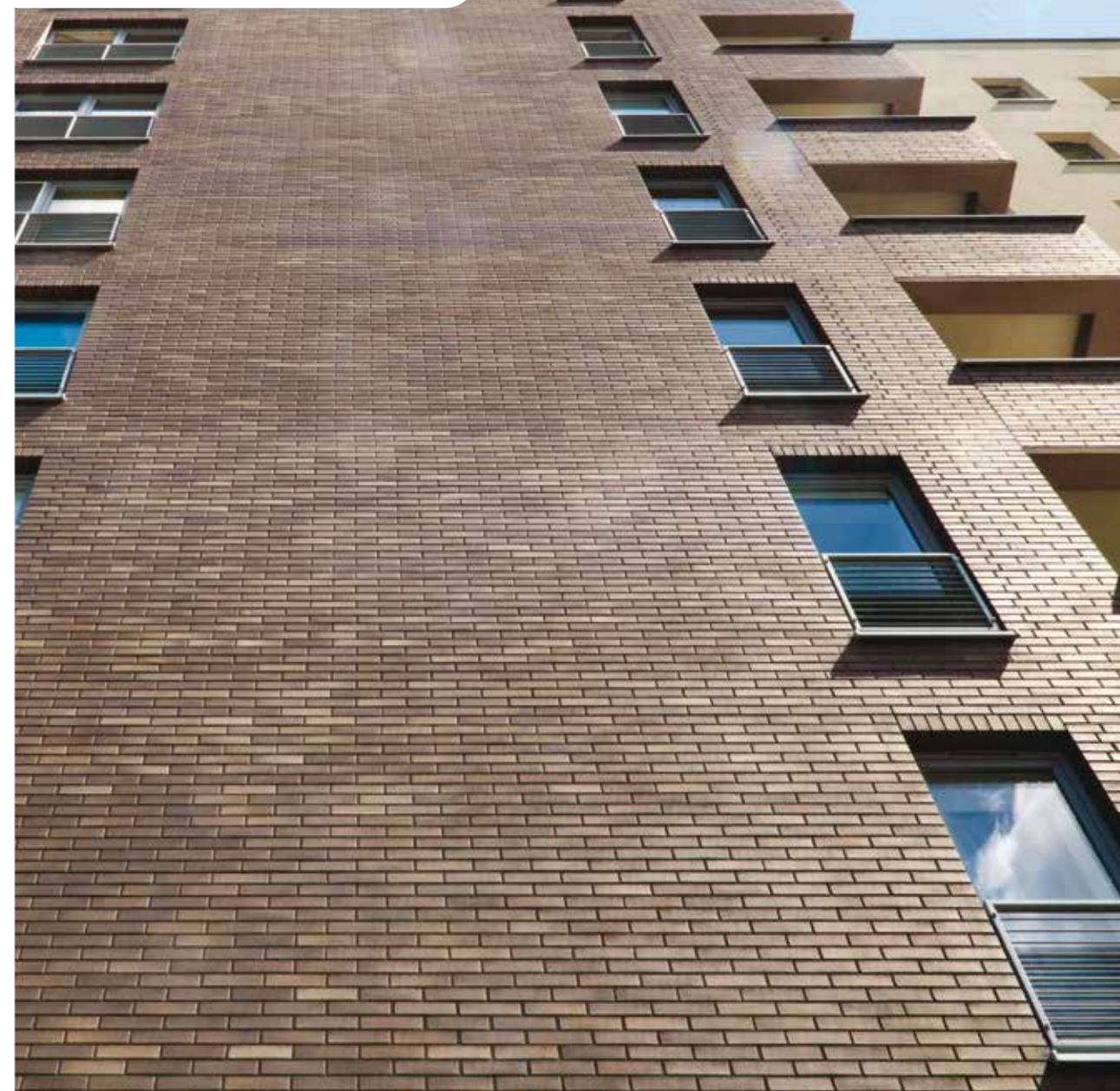
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The Guide to



Clinker Bricks Facade

CUT HERE AND SAVE



The facade is the showcase of every home. The wide range of colours and textures of clinker bricks allows creating any design. To fulfil the requirements of an aesthetic appearance and timeless durability bricks should be laid to the highest standards what will guarantee their long-term performance and trouble free maintenance.

Why is clinker brick facade a good long-term investment?

Clinker bricks cost initially more than other types of external finishes like render or cladding. However, the facade made of clinker is almost maintenance free. Clinker bricks are a natural material resulting from firing clay at very high temperatures (over 1000 °C). It is the production process which gives them exceptional durability and strength. Clinker bricks are stronger than regular bricks. In addition, clinker bricks do not change colour, and even under the influence of prolonged exposure to sunlight, are resistant to mechanical damage. A facade made from them requires almost no maintenance; dirt

and dust do not penetrate into it, and any dirt is easily cleaned with a pressure washer. Low water absorption of bricks made them resistant to frost. Additionally, clinker bricks are also resistant to corrosion, biological chemicals and acids. Clinker bricks are used for decorative purposes. The final finish of clinker brickwork depends on the standard of bricklaying.

Sealing

The first layer of mortar for bricklaying clinker is laid on the previously built and properly sealed foundation, from the damp proof course level (DPC).



CUT HERE AND SAVE

CUT HERE AND SAVE

Mortar preparation

It is essential to choose the right kind of mortar to the specific type of bricks. Choosing the right mortar for bricklaying clinker provides a free flow of water over the wall and fast drying after the cessation of the rain and the whole structure is less susceptible to dirt and efflorescence.

Atlas masonry mortar for clinker contains trass, volcanic origin mineral, which limits the possibility of efflorescence appearance on the mortar surface. It is also resistant to UV radiation, so intense colours do not fade, and the mortar keeps its strength parameters. Moreover, thanks to quartz aggregate used for the mortar

manufacturing, it is free from organic and inorganic pollution that often leads to saline efflorescence.

Appropriately selected aggregate assures easy application. Always use the technical data sheets for proportions. Mix mortar with appropriate amount of water using a drill with a mixer (or in cement mixer) until homogenous. Adding more water to mortar in later stage may result in differences in mortar shades. Mortar should be used directly after mixing within approximately 3 hours.

Clinker bricks preparation

Clinker bricks must be clean, free from dust and dry. When laying bricks, take bricks from

several pallets or batches to minimise the slight possibility of differences in colours between batches and make the homogenous colour of the facade.

Bricklaying

The bricklaying should not be undertaken in adverse weather conditions. It is important to protect the mortar so it will not be washed out from joints. The clinker brick facade should be protected against rain for 14 days with a protective covering sheets.

The first stage of bricklaying consists only of joining bricks with the masonry mortar, leaving space for joints. Filling in joints in the walls with Atlas Masonry Mortar with trass should start not earlier than seven days after the first stage. The joint thickness should be the same for the whole layer. In the case of small mortar residue, after the mortar dries (approx. 5-6 hours) it is necessary to dry clean the surface of the wall with the brush.

Impregnation

Impregnation is often recommended after a minimum of 7 days of the end of bricklaying. It can prevent soiling. Without impregnation, the clinker brick facade quickly absorbs water along with any dirt, which eventually leads to the destruction of the wall and loss of aesthetic appearance. Recommended sealers Aval KT98 or Wykamol Enviroseal.



Clinker brick and salt efflorescence

Careful execution of each stage of clinker laying procedure can protect against efflorescence which decreases the aesthetics value of the clinker brick facade. Salt efflorescence may cause leaks on the structure in the form of hard, thick sediments, thin, dusty raids or crystallised soluble efflorescence salts. The wrong choice of mortar and its improper preparation, grouting after rain before the ground dries out or allowing a cement mortar dry to quickly increases the risk of efflorescence.

Tips

- Lay clinker bricks facade in parts- 5-6 rows per day.
- Ensure that bricks were stored with due diligence, covered with foil as too much moisture in the bricks makes it difficult for the wall to be aligned, reduces the bond strength of mortar and contributes to an increased lesion and discolouration arising.
- Lay clinker bricks in normal weather conditions, avoid laying in temperature over 30°C and below 0°C.



- The best final colour of the facade can be achieved when bricks are mixed, for instance one row from each pallet. Clinker brick cannot be laid from the same pallet.
- The clinker brick should be laid with the insulation or an air space between brick laid wall and existing wall.
- The brick laid wall can be tied to the existing framework with anchor fasteners.
- In the case of rain stop bricklaying and protect the surface excessive sun exposure can lead to accelerated mortar setting what will result in lower bond strength, scratches and cracks.
- To allow for ventilation it is sometimes recommended to leave some joints not filled with solution.
- Joints should be finished off when the brick mortar is completely dry.
- Secure the freshly laid wall with the protective foil for about 3 to 4 days impregnate the clinker facade to protect it from stains and efflorescence.

ADVERTISING

Bricklaying – single skin wall – stretcher face

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

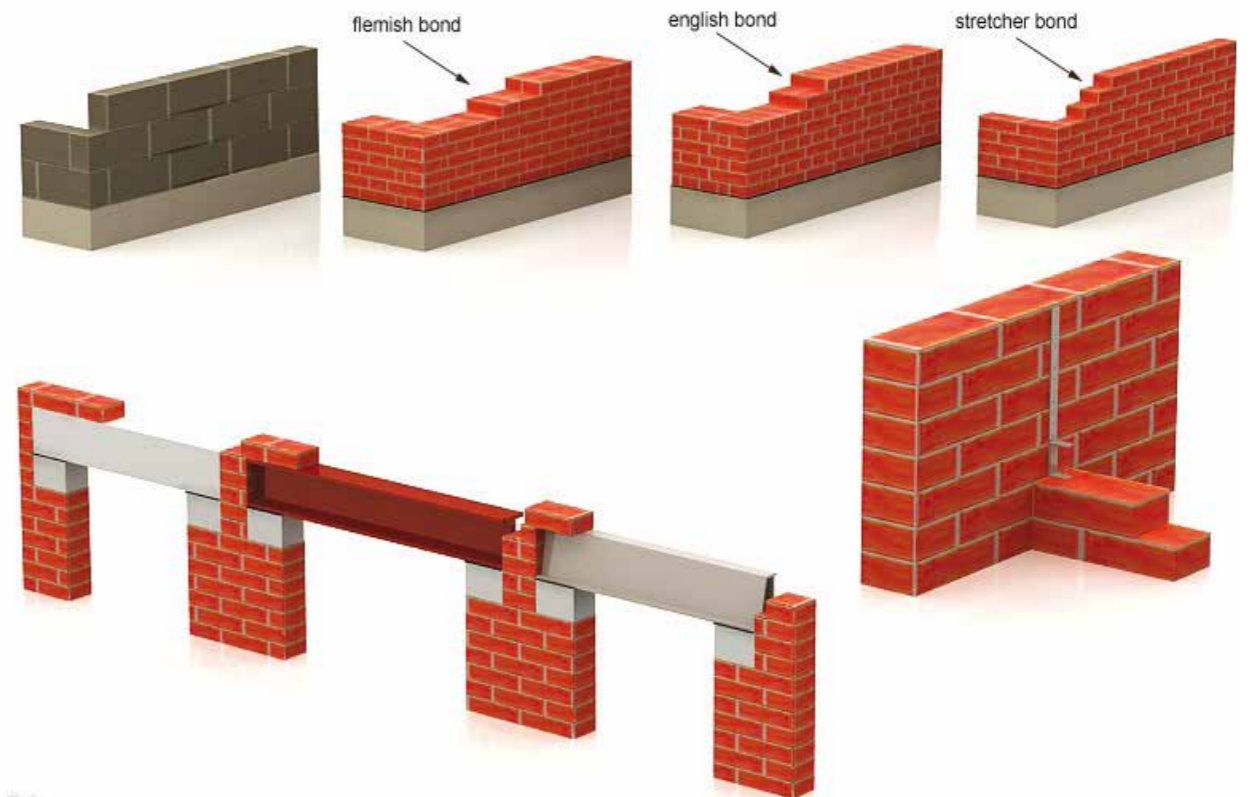
Sequece of operation

- 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	Price excl. VAT for 1m² wall	Price incl. VAT for 1m² wall
1	DPC	100mm*30m	roll	£2.83	0.04 m/m	£0.11	£0.13
2	Brick	215*102.5*65mm	length	£0.95	58 pcs/m²	£55.10	£66.12
3	Masonry mortar with tras	Bag 25kg	bag	£4.99	3.4 bag/m²	£16.97	£20.36
4	Concrete precast lintel	145*100*1200mm	pcs	£12.50	1.00 pcs	£12.50	£15.00
5	Wall starter Ancon 36/8	2*1200mm	sheet	£7.50	0.40 pcs/m	£3.00	£3.60
6	Brick reinforced ladder	60*3050mm	pcs	£8.25	0.35 pcs/m	£2.89	£3.47
7	PVC spacer strip	8*10mm*2.00m	pcs	£0.67	0.50 pcs/m	£0.34	£0.41

* products available at above prices in all IBB Polish Building Wholesale branches – retail prices before discounts



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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

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PVC spacer strip
for bricklaying
10*10mm*2.00m



£12.50 net
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Rope for string
line 100m



£10.42 net
Box for grouting
No.1610



£2.83 net
Brick trowel
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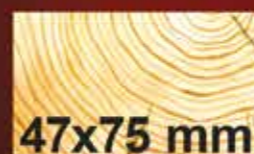
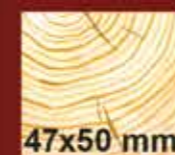
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Build Your Career with IBB Polish Building Wholesale

Versatile application of profiles and beads

Profiles and beads are used for the external and internal applications of render or plaster, for design and protection. For external applications profiles and beads are used to cover the cutting edges of the facade insulation boards and create

the smooth and precise edge. All are designed for various thicknesses of insulation boards. Beads and profiles can be shortened to the required length or width of the board. Profiles must be mounted without pressure to allow for expansion.

For internal applications profiles and beads are used for plastering, finishing gypsum plasters, internal renders mainly for design and decorative purposes to create smooth edges and prevent cracking.

External application - FACADE

Designed to protect and prevents the penetration of water between the joinery and the insulation board. Moreover, can be used for decorative purposes.

Internal application - RENDER

Designed to use with internal render, to allow for best finish and to protect against cracking.

Window PVC profile

Designed for installation around windows- on window reveals or door frames. The PVC profile provides a long term seal of the formed joint and prevents the separation of the plaster from the joinery thanks to fibreglass mesh. It provides elasticity and water tightness of the system.

Window sill profile

Designed to eliminate cracking between a window sill and plaster. Moreover, it provides a water drain-off. The mesh overlaps with system mesh to form a robust render junction.

Straight expansion joint profile

They prevent cracking due to thermal expansion and compression. Used over the structural movement joint but also applicable horizontally to create a change in the application of render and provide design detail. If the movement joint is required in an internal corner it can be folded.

Angle expansion joint profile

They prevent cracking due to thermal expansion and compression. Angle expansions joints allow movement absorption on the structural angle movement joints.

Drip corner profile

Specially designed a water drip-away profile from PVC with fibreglass mesh. It is used to achieve the edges on the corners of the facade for instance windows, roofs, balconies etc. Provides protection against impact and prevent water return.

Drip bead 4-12 mm

It is used to create a stop to the render just above the damp proof course (DPC) level and above doors and windows. Its main purpose is to leads away the water from the facade. Used to achieve a straight edge, protection against impact and preventing of the return of the water on the surface below. Can also be used as an architectural feature.

PVC stop bead

It is used to create a stop to the render at the changes of finish, for instance at foundations, windows, door frames and any other changes to the facade. It helps to achieve a straight edge and protection against impact. It can also be used for internal plastering applications, timber frame and other board systems. It can be cut to the required length with saw and mounted with a bed of render or mortar. With external wall insulation, non-corrosive fixings are also suitable.

Aluminium base track

Used to install the insulation boards. Designed to protect the facade against mechanical damage or rainwater or any capillary rise under insulation boards.

PVC / Aluminium corner with mesh

It is available in aluminium or PVC, already with mesh wings suitable for corner reinforcement. Wings overlap with the system mesh to form a robust render junction which is protected against impacts.

Steel corner for render

Steel corner for render allows great accuracy and precision, especially in the case of sand cement renders. Provides for the precise edge creation. Should not be used with gypsum-based plasters. Used for creating sharp edges or corner joints, end stops and in window and doors edges.

Steel Flatness guide for render

Steel flatness guide is helpful during the rendering works, allows for adequate selection of the amount of render for an even application, regulation of render thickness. Allows for flat surface. Mounted to the wall with render in vertical position.

Facade bossage profiles

It is a PVC profile which allows to create various designs on facade render in form of vertical or horizontal lines- bossage. Applied in render. Available in various dimensions.

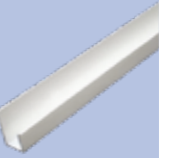
Spacer for clinker

It is a PVC profile which allows to keep the width of the grout during clinker brick masonry. Available in various dimensions. Use: Insert on the edge of another layer of brick risers. Applied the mortar and brick to push the spacer strip. Allow mortar to dry, remove strips, fill in with the grout.

Internal application - PLASTERING and DRY LINING

Plastic/PVC "J" bead

It is a plastic or PVC bead used to cover and protect exposed or uncovered ends of plasterboards which are adjacent to other surfaces like masonry, metal, window frame etc. The „J" corner is applied on the plasterboard before mounting of the board on the construction steel profiles. With the sharp saw or scissors cut the appropriate length of the corner and insert plasterboard into it. It can be finished off with paint.



Plastic/ PVC corner bead

It is a plastic or PVC bead used internally with plasterboards, easy to bend and apply to variety of structure designs. Prevents cracks in finished walls due to movement and expansion. Eventually a plastic corner bead can be applied to external facade with addition of fibreglass mesh.

Plastic /PVC arch corner

It is a plastic or PVC corner used to cover and protects corners of arch-shaped plasterboard wall and improves aesthetic finish. Used for archway and curved corners. Eventually a plastic arch corner can be applied to external facade with addition of fibreglass mesh.

Aluminium corner

It is an aluminium corner profile used internally with plasterboards to provide neat finish of the edge. Prevents cracks in finished walls due to movement and expansion. Protect the external corner of walls against impacts. Available for various plasterboards 90deg or 135deg.

Aluminium half-corner

It is an aluminium corner profile used internally with plasterboards to provide neat finish of the edge. Prevents cracks in finished walls due to movement and expansion. Protect the external corner of walls against impacts.

Aluminium knurled corner

It is an aluminium knurled corner profile used internally with plasterboards to provide neat finish of the edge. It is knurled for better reinforcement. Prevents cracks in finished walls due to movement and expansion. Protect the external corner of walls against impacts.

Aluminium arch corner

It is an aluminium corner profile used to cover and protects corners of arch-shaped plasterboard wall and improves aesthetic finish. Used for archway and curved corners.

APPLICATION OPTIONS

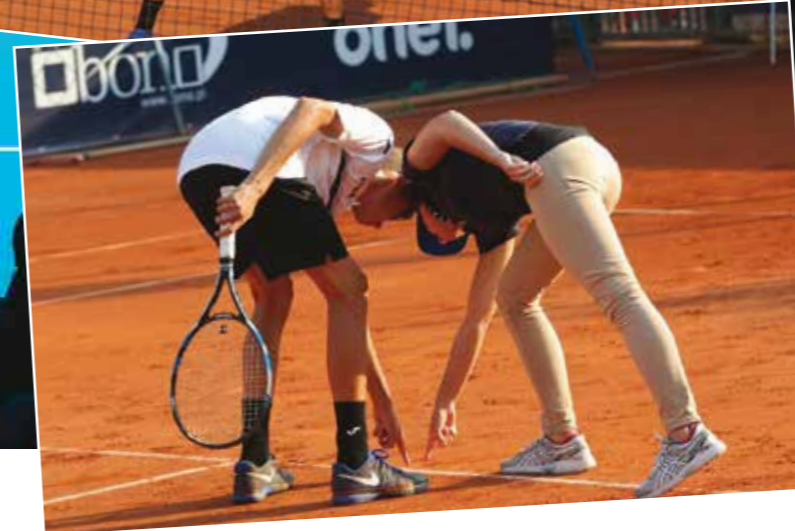
	Material	Render / cement sand render	Drylining, plastering
Window profile	PVC	✓	
Window sill profile	PVC	✓	
Straight expansion joint profile	PVC	✓	
Angle expansion joint profile	PVC	✓	
Drip corner profile	PVC	✓	
Drip bead 4-12 mm	PVC	✓	
Stop bead	PVC	✓	✓
Base track	Alu	✓	
Corner with mesh	PVC, Alu	✓	✓
Corner for render	Steel	✓ (cement sand render)	
Flatness guide for render	Steel	✓ (cement sand render)	
"J" bead	Plastic, PVC		✓
Corner bead	Plastic, PVC	✓ (with additional application of mesh)	✓
Arch corner	Plastic, PVC	✓ (with additional application of mesh)	✓
Corner	Alu		✓
Half-corner	Alu		✓
Knurled corner	Alu		✓
Arch corner	Alu		✓
Facade bossage profiles	PVC	✓	
Spacer for clinker	PVC	clinkier bricklaying	

PKO Szczecin Open 2016 photo gallery



ATP ranking
N/A

Filip Ambroży



ATP ranking
(17-10-2016)
No. 39 in singles
No. 31 in doubles

Marcel Granollers Pujol

Andrzej Szkości

IBB Polonia London VC winning streak continues

The series of successive wins goes on. The third win of the season happened on Saturday. This match was away from the "Fortress Brentford". Last Saturday IBB Polonia London Volleyball Club beat London Lynx 0:3 (18:25, 20:25, 20:25) and took away another 3 points.

I'm very pleased with how we managed to play today. In the end we fell into a rhythm during the match. The quality of our play was much better than last week and I feel we have made a large step for-

ward. We are still not at the standard we are aiming for, but if each player continues in the same manner, and each match shows the same improvements for us, then the other teams will find us too tough to handle. - said Head Coach Piotr Graban after the win.

Another win in our account, and without the loss of a set. We looked good on court and the fans enjoyed themselves! The aim for the same level of performance in the next matches. I'd like to invite everyone to come and watch us and support the players. - commented Chairman Bartek Luszcz.

Last week, representatives of the club enjoyed a meeting with the Ambassador of Poland Mr Arkady Rzegocki. The team presented a souvenir match shirt with the Ambassador's name on the back.

Both the club and the Ambassador pledged their continued cooperation commemorating the history of Britain and Poland as illustrated on the current match kit. This year, IBB Polonia London commemorate the Silent Unseen soldiers from the Second World War.

This coming weekend, there is the opportunity to enjoy a wealth of volleyball emotions. The Champions of England, IBB Polonia London, will play two matches. On Saturday they welcome Cheltenham and Gloucester in the early rounds of the KO Cup and on Sunday it is back to the Super 8 National league once again, as Sheffield pay a visit. Both games are being played at Brentford Fountain Leisure Centre at 3pm. Please register on <http://polonia.eventbrite.co.uk> for tickets which are free of charge.



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Wessex beaten by IBB Polonia London VC

IBB Polonia London, in the weekend just gone, beat the team of Wessex Volleyball Club 3:1 (22:25, 25:17, 25:20, 25:23). The defenders of the National title managed to take all 3 points after a hard battle.

Today's game was unusual. Neither team managed to maintain a high level of play. This would have been obvious to all of the spectators due to the large number of errors. Games like this are very stressful for the coaches! We must focus better on the match in hand and the opposition. If we could show what we are able to do on the training court, then the game would have been over long before it finished in reality. We have three points, but in order to stay at the top of the table, we must

work hard at every training session. – said the Head Coach of IBB Polonia London, Piotr Graban. I know our play wasn't at the highest level today. I'm confident that the next games will look better. Despite everything, we won, thanks to the support of our loyal fans and for that I'm very happy. We are very ambitious, and we are aiming for the title once again this year. – said Team Captain Marius Ciortea.

On Sunday, the youth football teams also start-

ed their season, under the watchful eye of Pawel Jurgielewicz every single team won their match! We currently have, three times per week, about 60 children learning volleyball and football under the IBB Polonia London banner.

The men's volleyball team play once again this Saturday. Going into the match as table toppers, IBB Polonia London play at 15.15 on 8th October at University of East London against Lynx Volleyball Club.

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Successful season opener

In the first match of the season, the players, under the guidance of Piotr Graban, beat Malory Eagles London 3-0. The victory gave the English Champions three points for their hard work. The team defeated Malory Eagles quite comfortably (25:19, 25:19, 25:17). The match took place in the home venue of Brentford Fountain Leisure Centre in front of the faithful fans. It was great to see so many spectators at the first match of the season.

I think that the game was of a high standard. Both teams managed their parts of the game well. The match was more or less level until the 16 point region in the first set, after which our team maintained a better level of concentration and quality of play. The opponents couldn't cope with the pressure and succumbed to the higher quality of IBB Polonia

London. The same scenario was evident in the second and third sets where we played hard for each point. Each player carried out their fair share of work, and the fans encouraged them vociferously! They are warmly invited back to the next match. – said coach Piotr Graban.

It was great to get back to watching volleyball.

The entire official Fan Club was looking forward to the first match. It's great to see that we have attracted new spectators. We want to develop still further and continue supporting in other ways. It's good to see that IBB Polonia London is the leader in terms of organisation as well as sport in the English League. We aspire to continue to be the leaders in volleyball supporters in the UK. The opponents also had some support during the match and their cheering motivated us even further during the match. – said President of the official IBB Polonia London Fan Club.

The next match will take place on the 1st October 2016 at the home venue of Brentford Fountain Leisure Centre, Brentford at 3pm. The match will be against the team of Wessex Volleyball Club.



polonia-volleyball.myshopify.com



IBB Polonia Football Section

IBB Polonia Football Section was formed in September 2016. The Club is affiliated to the England Football Association (FA).

We operate within FA child protection guidelines and have an appointed Child Protection Officer. The main aim of the Club is to create safe and friendly environment for Children to be a part of local leagues. We started our training's in September with 18 players and 2 coaches, now at IBB Polonia FC we have more than 40 players and 6 managers. Two of our teams (U7 and U10) are part of one of the best Youth League in London 'Harrow Youth Combination', from January another two teams will be joining the league (U8 and U11).

All Parents in the Club are very happy and satisfied with positive environment and time we create for their kids at IBB - Pawel Jurgielewicz

We have now moved into professional Astro Turf pitches located in White City, this allows our players and coaches to have perfect condition to train between October and March which is necessary for children safety and development. As a Club we have ambitious plans for the future, in January we are planning to open two locations for our Academy training's, this will be Streatham and Northolt. All managers together with head coach Pawel Jurgielewicz have created 'Club Coaching Philosophy' with some important points such as, to deliver age appropriate training session to support long-term player development or to promote good behaviour and respect for others. Training

sessions at IBB Polonia Football Club are based on 'Coerver coaching', which is Dutch World leading technique program used by best Academies in Europe.

As one of the leading Polish Community organisation, IBB Polonia has been invited to Polish Embassy last Tuesday to meet Polish Minister of sport and tourism, Witold Banka. Club Chairman Bartek Luszcz and sports director Grzegorz Niski had an opportunity to ask the minister about the future of the Polish sport outside the country. It was fantastic opportunity for our young football and volleyball players to visit embassy and see a member of the Polish government.

Everyone is welcome at IBB Polonia FC, Boy's and Girl's with all abilities, we train twice a week at White City 18:45 (W12 ODF).



Review of October football matches

T.F.A. Bushey **3:6** IBB Polonia FC

The second match of the IBB POLONIA FC u7 team, and the boys have once again put their hard work during the training sessions to good use on the field, winning their first away game 6-3 in a superb style. The work of our team captain, Alan Kapusta, as well as our striker, Norbert Stefański, who scored three goals the second week in a row, deserves recognition and a great round of applause. The whole team has shown us great character!

Squad:

- Gk. Kevin
- Oliver Kryszak
- Alan Kapusta (C)
- Konrad Paliwoda
- Norbert Stefański
- Kamil Grodzki
- Adrian Laskowski
- Kuba Moskwa

Goal Scores:

- 3 NORBERT STEFAŃSKI
- 1 KONRAD PALIWODA
- 1 OLIVER KRYSZAK
- 1 KEVIN KOZIK

London Athletic A **2:2** IBB Polonia FC

We played another match today. The game was fast-paced. IBB Polonia FC has created several goal situations, after which two goals were scored. As it is known, missed chances like to take revenge. The second half of the match showed that the London Athletic team set up heavy conditions upon us. Runner-type, tall boys attempted to play on the counterattack.

After a communication shortcoming, which occurred in the middle part of the field, we lost the first goal. The final minutes have shown us that it is necessary to focus to the very end. A corner kick and an accidentally bounced ball fell into our goal after ricocheting. The match ended in a 2:2 draw. I believe that it was a high-level match with a very demanding opponent. One may feel slightly unsatisfied. However, we are drawing conclusions from this match, and preparing for the next one.

Goal Scores IBB Polonia FC: David Kryszak x1, Alex Krusiński x1

Squad: Polonia London: Oskar Zrzycki, Adrian Mes, Aleksander Niski, Adrian Stefański, Alan Pakuła, Kacper Choina, David Kryszak, Alex Krusiński, Colin Ostrowski, Fabian Kapusta

IBB Polonia London FC **13:3** APB Pinner FC

Another Sunday, another match. The boys once again came to compete in the Harrow Youth League. This time, players from Pinner came to us. The first half was played completely according to our boys' plan. They dominated their opponent in every aspect. Especially, Adrian Laskowski's three goals deserve attention, who completed a hat trick in 10 minutes. In the second half of the match, our opponent showed determination and scored 2 goals. Young boys from Polonia responded with accurate shots by Konrad Paliwoda and Norbert Stefański. Alan Kapusta, our captain, deserves great recognition doing an outstanding work in the defense. It is not the winning match or three points that count, but huge improvement and commitment of my players. We go forward slowly, taking small steps!

Goal scorers: Adrian Laskowski x3, Konrad Paliwoda x4, Oliver Kryszak x2, Norbert Stefanski x3, Kevin Kozik x1.

Headstone Manor A **3:1** IBB Polonia FC

The first defeat in this season. One has to learn to lose as well. The Headstone Manor team limited their playing to long passes, after which they were able to score two goals. One own goal. We created some situations, but we lacked the finishing touches of our actions. The opposing team's goalkeeper did a fine job in the goal. It was a very fierce and a very balanced game. We lacked a little bit of luck today.

Goal scorer IBB Polonia FC : Aleksander Niski

Squad: goalkeeper Oskar Zrzycki, second half Adrian Mes, Aleksander Niski, Adrian Stefański, Alan Pakuła, Kacper Choina, David Kryszak, Alex Krusiński, Colin Ostrowski, Fabian Kapusta

Football News

NEWS 1

Champions League

Barcelona wins with Manchester City 4-0

Lionel Messi scored more goals against English teams than against any other country. During the Champions League match he score hat-trick, winning 4-0 over Manchester City. During the first half City was very competitive but too many errors help Barcelona increase possession of the ball. At the last 15minutes Barcelona was reduced to 10-men after Jeremy Mathieu received second yellow card however it did not stop them and Spanish team extended their lead over City to five point in Group C.

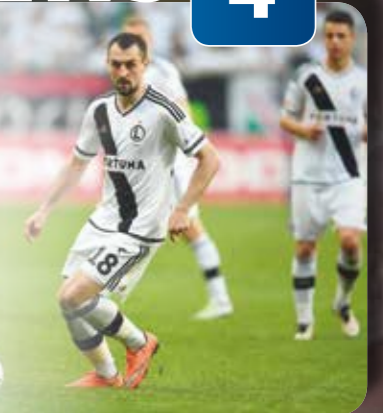


NEWS 4

Champions League

Legia Warsaw lost 5-1 with Real Madrid

Gareth Bale scored his first Champions League goal since December 2014 as Real Madrid won at home 5-1. During the first half, the Polish team lost two opportunities before Spain attacked. Bale scored the first goal and then Marcelo's strike show Jodlowiec deflect in and got Spain 2-0. Miroslav Radovic penalty shoot gave Legia their first and only goal during that game. Marci Asensio shoot in from 18 yards and the during the second half Lucas Vazques and Alvaro Morata completed the scoring.



NEWS 2

Champions League

Arsenal triumphs over Ludogorets Razgrad

Arsenal won 6-0 with Bulgarian Ludogorets. The first goal was from Sanchez, then second from Walcott and another from Oxlade-Chamberlain before an impressive hat-trick from Mesut Ozil scoring three goals in a game for the first time in his career. Arsenal is now at the top of the table having 7 points like Paris St Germain.

NEWS 3

Neymar set to sign a five-year deal with Barcelona

Brazil forward will sign the contract with Barcelona that will keep him at the Camp Nou until 2021. 24 year old Neymar joined the Spanish club in 2013 and since then he scored 90 goals in 149 appearances. During this season, he played eight matches with five goals and nine assists. Neymar will reportedly earn 32.4mln per year which will bring him to the third position on the list of highest paid players in the world, behind Messi and Ronaldo.



NEWS 5

Elimination to World Cup Russia 2018

Poland won 2-1 with Armenia

Polish team defeated 10-man Armenia 2:1 after captain Robert Lewandowski scored goal during the last minute of extra time. Armenian Gael Andonian was sent off in the 30th minute after he received two yellow cards and subsequent red. Hrayr Mkoyan netted an own goal in 48th minute but just minutes later Marcos Pinheiros goal gave them 1:1. Injuries eliminated four core Polish players from the European Championship eliminations - Michal Pazdan, Arkadiusz Milik, Lukasz Piszczek and Artur Jedrzejczyk. Poland after the victory over Armenia, has seven points and is second in the group "E". The next game will be on 11th November in Bucharest with Romania.

GROUP E TEAMS	MP	W	D	L	GF	GA	PTS	Q
MONTENEGRO	3	2	1	0	7	1	6	7
POLAND	3	2	1	0	7	5	2	7
ROMANIA	3	1	2	0	6	1	5	5
DENMARK	3	1	0	2	3	4	-1	3
KAZAKHSTAN	3	0	2	1	2	7	-5	2
ARMENIA	3	0	0	3	1	8	-7	0

NEWS 6

Polish Representation

at the highest in the history 15th Place at FIFA ranking

Polish team moved up two positions, from 17th place, after the last two victories in the qualifying rounds of the World Cup 2018. They beat Denmark 3:2 and Armenia 2:1. Argentina is still at the top of the list, however World Champions Germany promoted from third to second position.





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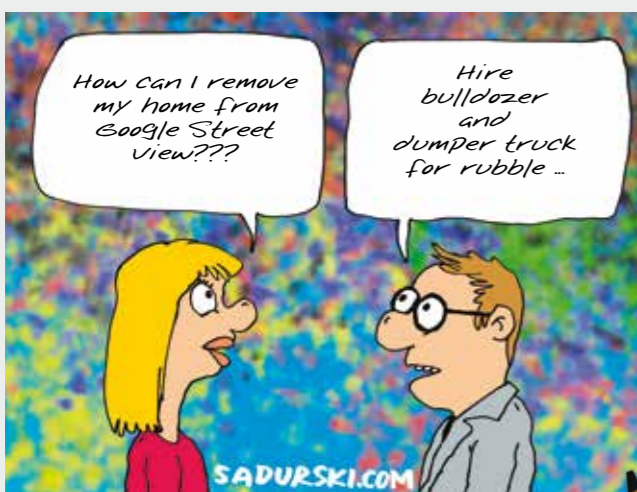
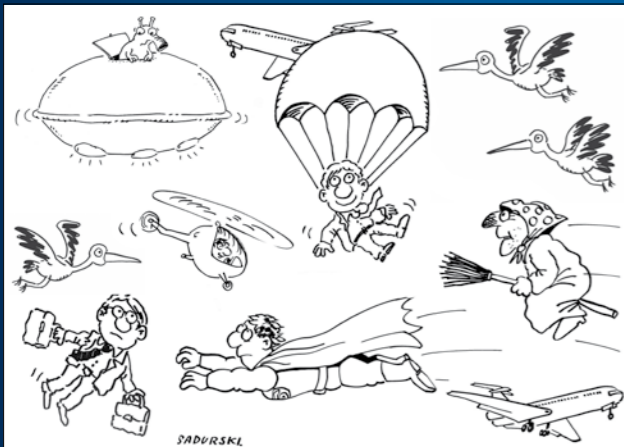
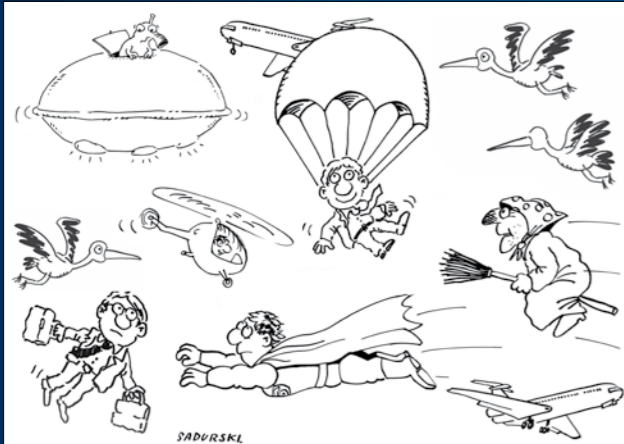
MAJA - TWOJE DELIKATESY!



Laugh with IBB

by Szczepan Sadurski

Find 10 differences ...



Year 1944, an American sergeant instructs the soldiers:
 - As we will be landing, watch out for sharks and barracudas. As soon as you are on the land, remember about poisonous snakes. Don't drink local water, because you might go down with enteric fever. Berries and mushrooms are mainly poisonous. Remember that spiders and insects can bite seriously. Any questions?
 - Sir, why do we fight with the Japanese for this damned island?

Two friends are talking:
 - I fixed her up yesterday.
 - And what?
 - We went to a pizzeria and ordered a big pizza.
 - And how was it?
 - She ate the entire pizza.

At the dentist's:
 - Think about something pleasant and you won't even feel the drilling of your tooth.
 - Ok!
 After drilling:
 - You see, how pleasant was the whole thing. What were you thinking about?
 - I imagined that my boss is sitting on this chair.

At the doctors:
 - I've got two messages for you, the good one and the bad one.
 - Lay the bad one on the line.
 - We will have to amputate your leg.
 - And what about the good message?
 - Your suffering will last for only two weeks, up to one month.

The Pole says to his blonde girlfriend:
 - I will bring a motorbike from England. It's almost new, it's simply an automotive jewel!
 The blonde girl:
 - But be careful, because the steering wheel is on the other side.



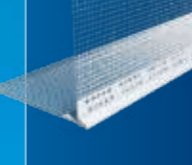

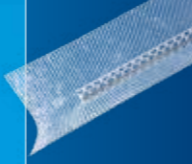

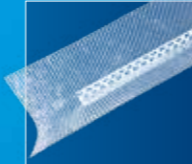


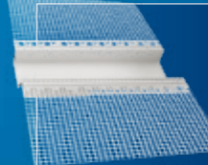

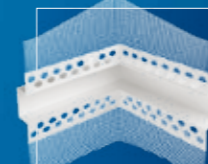

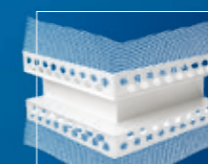
During a ballet performance:
 - I've always been watching these female ballet dancers. They rush about during the whole performance on their toes, on the very ends of them. Cripes, why didn't they simply employ taller dancers?

He and she in a bed. She says:
 - Is it warm this way?
 - Warm ...
 - And what about this way?
 - Now it's warmer ...
 - And maybe this way?
 - Listen, stop this play with air-conditioning! It's time to sleep!

Illustrations by Szczepan Sadurski

MONTHLY DEAL

Profiles for external wall elevation

	PVC profile with mesh 2.5m £1.45 net (RP £2.42 net)		PVC expansion joint with mesh 2.0m £14.50 net (RP £24.17 net)
	PVC drip profile with mesh 2.5m £3.95 net (RP £6.58 net)		PVC sill profile with mesh 2.0m £4.95 net (RP £8.25 net)
	Aluminium corner with mesh 2.5m £0.95 net (RP £1.58 net)		PVC window profile 6mm*2.40m £3.95 net (RP £6.58 net)
	PVC corner with mesh 2.5m £1.45 net (RP £2.42 net)		PVC window profile 9mm*2.40m £3.95 net (RP £6.58 net)
	Stop bead with mesh 3mm*2.5m £3.25 net (RP £5.42 net)		Rusticated profile with mesh £3.50 net (RP £5.83 net) <small>30mm*20mm*3.00m</small>
	Stop bead with mesh 6mm*2.5m £3.50 net (RP £5.83 net)		Rusticated corner profile with mesh £2.25 net (RP £3.75 net) <small>30mm*20mm internal</small>
	Stop bead with mesh 11mm*2.5m £3.75 net (RP £6.25 net)		Rusticated corner profile with mesh £2.25 net (RP £3.75 net) <small>30mm*20mm external</small>

Starter track profiles



Starter track profile 53mm/2.5m

£2.75 net

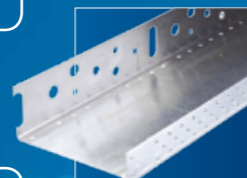
(RP £4.58 net)



Starter track profile 83mm/2.5m

£3.30 net

(RP £5.50 net)



Starter track profile 103mm/2.5m

£3.85 net

(RP £6.42 net)

Render profiles



Flatness guide 6mm/2.5m

£0.90 net

(RP £1.50 net)



Flatness guide 6mm/3.0m

£1.20 net

(RP £2.00 net)



Flatness guide 10mm/2.5m

£1.10 net

(RP £1.83 net)



Flatness guide 10mm/3.0m

£1.45 net

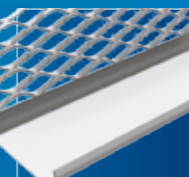
(RP £2.42 net)



Steel stop bead 10mm*3.0m

£3.50 net

(RP £5.83 net)



Steel drip bead 16mm*3.0m

£4.00 net

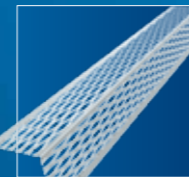
(RP £6.67 net)



PVC drip bead 4-12mm*2.5m

£1.75 net

(RP £2.92 net)

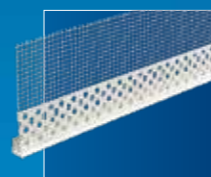


Steel corner 36mm*3.0m

£1.00 net

(RP £1.67 net)

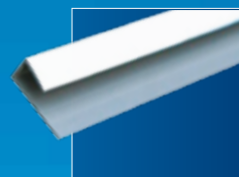
Profiles for dry lining



Edge board profile E12 12.5mm*2.50m

£1.50 net

(RP £2.50 net)



PVC "J" profile 12.5mm*2.50m

£1.25 net

(RP £2.08 net)



Aluminium corner 25*25mm*2.4m

£0.75 net

(RP £1.25 net)



Aluminium arch corner 2.5m

£0.90 net

(RP £1.50)



PVC shadow gap 12mm*3.05m

£5.50 net

(RP £9.17 net)



PVC arch profile 2.5m

£1.25 net

(RP £2.08 net)

135 deg 2.5m



Aluminium obtuse angle corner

£1.00 net

(RP £1.67 net)

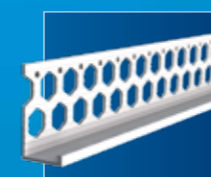


Aluminium half corner 2.5m

£0.75 net

(RP £1.25 net)

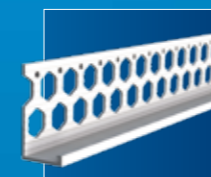
Universal, other profiles



PVC stop bead P4 4mm*2.50m

£1.45 net

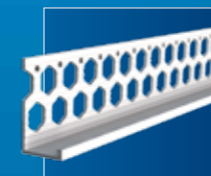
(RP £2.42 net)



PVC stop bead P6 6mm*2.50m

£1.95 net

(RP £3.25 net)



PVC stop bead R10 10-12mm*2.50m

£2.00 net

(RP £3.33 net)



Steel corner for plaster

£1.10 net

(RP £1.83 net)

25*25mm*2.4m



PVC corner profile C2 2mm*2.50m

£1.25 net

(RP £2.08 net)



PVC corner profile C10 10mm*2.50m

£1.85 net

(RP £3.08 net)

8*10mm*2.00m



PVC spacer strip for bricklaying

£0.40 net

(RP £0.67 net)

Spend £200 net or more and get ... IBB Builder T-shirt!



T&C All presented products are subject to availability. Products may vary from those illustrated. All prices are net exclusive of VAT. Some prices shown are for collections only. Some prices are subject to additional delivery charge per item with the minimum £180.00 net value of delivery.

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