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IBB Polish Building Wholesale

# BUILDER MAGAZINE

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Prepare  
Prime Paint  
Professional Painters Guide



PROUDLY PRESENTS

# BUSINESS AWARDS

*IBB Polish Building Wholesale* professional approach and commitment in the construction industry has been recognised on many occasions. **IBB team** and our hard work were rewarded with below trophies.

We are committed to the business excellence, and we are working hard on constant improvement of our services and relationship with customers. Moreover, we are focused on innovation and sustainability, and our carefully selected portfolio of products gives our customers the guarantee of the best solutions and value for money. Within the range of products, **IBB Therm** is our own professional External Wall Insulation and Render System. What's more, we acknowledge the

digitalisation of the construction industry and provide estimating tool **IBB Estimator** for fast and accurate costs analysis. On top of that, **IBB Builder** our monthly magazine is a source of advice and important news for all engaged in the building industry. We recognise the importance of women in the construction sector and our excellent team can be a role model.

Finally, IBB actively supports others in achieving their best potential too- our sponsorship in volleyball lead the **IBB Polonia London VC** to become **THE CHAMPIONS OF ENGLAND** second time in a row, while **IBB Polonia London FC** is successfully coaching young football players.

*Jacek Ambrozy, the director of IBB, with passion and commitment is leading the company, setting goals and creating tools to achieve success. The collaborative work of all our hard working colleagues shows that not only we are doing well but that we are amongst leaders.*

*Thank you to all our Customers and Partners for trust and loyalty.*

IBB Team



1. Innovators in Sustainability Awards 2017
2. Finest in Business Awards 2016
3. Leading Managing - Director
4. Sponsor Trophy from London Eagles FC
5. Construction Material Supplier of the Year 2017
6. 2016's Most Innovative Business
7. 2017's Cooperation Award from KUBALA
8. Most Trusted Building Merchant 2016

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Dear Readers

In this summer issue of IBB Builder, we are introducing the redesigned vision of IBB brand. It is only a glimpse of our new logo before the official announcement. As mentioned last month we were working recently on rebranding as we know it will bring new opportunities for growth to IBB. Our company was set up in 2005, and since then our logo was untouched. A lot has changed in the building industry, our company has grown, and we decided that the new logo will better define IBB nowadays. Our first logo and company name as IBB Polish Building Wholesale means the birthday of IBB. IBB Builders Merchant and the brand new logo is a sign of business progress and innovation. We would like our customers and readers to recognise our depots, products and activities not only as IBB Polish Building Wholesale but also IBB Builders Merchant.

Another big news is that IBB was shortlisted to the final of the prestigious London Construction Awards in two categories The Product Innovation of the Year and Women in Construction. The LCA's recognise achievements, developments and innovation within London's booming construction industry, and it will take place as a part of London Build 2017- the leading construction show for London and South East of England. We are looking forward to the event.

We strongly recommend you to register for free tickets to London Build 2017. We will be exhibiting there with our IBB Therm external insulation and render system. Meeting our readers and customers there would be a fantastic networking opportunity, so you are all very welcome. On next pages, you can find out more about this important construction event in London and South England. You cannot miss it, get your free ticket now!

Coming back to the current issue a lot is happening in the building industry this summer. We have selected for you the most important insights. The Government proposed new rules to regulate drones use. This technology is often used in site surveying so that the new law will affect construction sector too. Another big news connected with innovative techniques in the BBA

FROM EDITOR



accreditation for the insulating robotic device. Yes, the digitalisation of the construction works is happening too.

Recently the Government presented its proposal to ban leasehold on the new build properties. The scandal of spiralling ground rents and problems of homeowners facing increasing costs lead to the decision that changes are more than necessary. Other important changes include the removal of CRO occupations from the CSCS Scheme. Read the article to find out whether it affects your trade.

Moreover, interesting for our readers will be CIOBs Building Conservation Certification Scheme launched in June this year. By taking part in the scheme, you can extend your knowledge and experience in the area of heritage and conservation.

The cover story of August issue is about painting techniques. We have prepared for you the excellent reference guide about paints and foils. Our materials comparison will allow you to select the appropriate products for your renovation needs. The estimation will give you the approximate costs for your painting projects. Valuable read.

As this is our holiday issue, we included the summary of our sponsoring activities in recent months. IBB Polonia London FC ended the season with the official gala celebrating their players and coaches achievements. IBB Polonia VC is preparing for the season start in September so stay tuned for updates soon. Enjoy the issue! Feel free to get in touch via Facebook or Email.

Magdalena Rosół  
Editor



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London Construction Awards will take place as part of London Build 2017- the leading construction event in the UK. The LCA are the most prestigious construction awards in London that recognise achievements, developments and innovation within London's booming construction industry and feature a wide range of categories for solution providers, contractors, architects, developers and local authorities. All awards are free to enter and are judged by industry experts. IBB Polish Building Wholesale was shortlisted to the final in two categories:

- **Product Innovation of the Year - IBB Therm.** This award recognises innovation in building materials.
- **Women in Construction - Magdalena Rosol - IBB Builder.** This award recognises the impact and influence of women on the construction industry and celebrates the outstanding contribution to paving the way for women in the construction industry.

The awards will be presented on the 25th October during the prestigious Gala Dinner. *Thank you to all our customers and partners for your continuous cooperation, loyalty and support.*





# The Intelligent Infrastructure Challenge

Opportunity to work with the key players in the UK's road network

**Highways UK, roads for modern Britain will be held on 8th and 9th November 2017 at the NEC in Birmingham. It is for people and organisations involved in the planning, designing, building, operating and future-proofing of the UK's road network.**

The 2016 event was a great success and attracted over 2,200 visitors. The Constrain Intelligent Infrastructure Hub was created at this event to be

a showcase of innovations and technologies that facilitated a more efficient and safer network and presented these solutions directly to key clients – Highways England and Local Authorities.

New for the 2017 event is The Intelligent Infrastructure Challenge. This is a competition involving specific infrastructure client challenges set by Highways England, Bristol City Council, Transport for the North, England's Economic Heartland the London Air Quality Commission and Transport Scotland. These challenges require innovative technical solutions to problems involving customer service, network efficiency, safety, security, performance, air quality etc. To view the challenges click here [https://admin.](https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf)

[ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf](https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf)

Each shortlisted candidate will be able to exhibit their solution for free and will be asked to give a 5 minute presentation in The Hub. Each of the challenger clients will be tasked to pick a winner from the shortlist and award a prize at a special ceremony during the event on Thursday November 9th. Winners will receive various levels of non-financial support from the challenger client. To apply fill in the form here [ktn-juqiy.formstack.com/forms/eoi-innovationshowcase](https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf). Application closing date is on the 22nd September 2017.

(SOURCE: Highways UK)



# Growth slows for construction SME's

**According to the Federation of Master Builders - FMB's State of Trade Survey for Q2 2017 - the only quarterly assessment of the UK - wide SME construction sector - the growth for the sector was slower than in the first three months of the year.**

The SME construction sector grew in the second quarter of 2017, albeit at a slower rate in most parts of the UK than the first three months of the year, according to the Federation of Master Builders (FMB).

Key results indicates that:

- Q2 2017 was the 17th consecutive quarter of positive growth which means that the construction SME sector has been growing for more than four years (ie since Q2 2013);
- Almost one in two construction SMEs predict rising workloads in the coming

threemonths, with just 9% predicting a decrease in activity;

- 83% of builders believe that material prices will rise in the next six months;
- 60% of construction SMEs are struggling to hire bricklayers; 57% are struggling to hire carpenters and joiners; and 47% are struggling to hire plumbers;
- Almost two-thirds (62%) of construction SMEs expect salaries and wages to increase in the next six months.

Brian Berry, Chief Executive of the FMB, said: "Rising material prices and salaries could be starting to dampen growth among construction SMEs. However, it is encouraging to see that the sector has continued to grow despite the recent snap General Election and the resulting hung Parliament. The construction SME sector is particularly vulnerable to any dips in consumer confidence that might come from periods of political uncertainty. It may be that a number of home owners decided to delay any big spending decisions on new extensions or loft conversions

while the election campaign was underway - this would account for the slow-down in growth seen in the second quarter of 2017."

Berry concluded: "Looking ahead, almost two-thirds of construction firms expect wages and salaries to increase over the next six months and this is in contrast to stagnant wages elsewhere in the economy. Rising salaries are undoubtedly the result of the escalating construction skills shortage - construction workers know their worth and are demanding higher wages from their employers. The majority of construction SMEs are struggling to recruit key tradespeople such as bricklayers and carpenters and we're seeing shortages in other trades, such as plumbers and plasterers, starting to creep up. With Brexit on the horizon and worrying talk of the so-called 'Tier 2' immigration system replacing the free movement of people, the construction industry urges Ministers to bear in mind their strategic house building and infrastructure targets before pulling up the drawbridge on EU migrant workers."

(Source:FMB)





# New rules to regulate DRONES use

**Last month the Government announced that under new rules drones will have to be registered and users will have to sit safety awareness tests. Drones are playing an increasing role in the construction sector in surveying, collecting information or tracking progress on site.**

Owners of drones weighing 250 grams and over will in future have to register details of their drones to improve accountability and encourage owners to act responsibly. Users may be able to register online or through apps, under plans being explored by the government. The move follows safety research that concluded drones could damage the windscreens of helicopters.

In addition, a new drone safety awareness test means owners will have to prove that they understand UK safety, security and privacy regulations.

Drones represent an exciting opportunity for the UK, are already of substantial benefit to business and the public and are central to the government's Industrial strategy. They can help boost productivity and safety, aid the emergency services and bring pleasure to those who use them for fun. The government also plans to bring forward and expand the use of 'geo-fencing' in the UK that acts like an invisible shield around buildings or sensitive areas. The technology, which works on GPS coordinates, is built into the drone and stops it from entering zones such as prison or airport space.

In line with the government's 'Industrial strategy', will continue working with the Civil Aviation Authority (CAA) to help commercial drone users grow their

businesses by making sure measures are updated to reflect the needs of the emerging market worth over £102 billion globally.

Aviation Minister Lord Callanan said: "The UK is at the forefront of an exciting and fast growing drones market and it is important we make the most of this emerging global sector. Our measures prioritise protecting the public while maximising the full potential of drones. Increasingly, drones are proving vital for inspecting transport infrastructure for repair or aiding police and fire services in search and rescue operations, even helping to save lives. But like all technology, drones too can be misused. By registering drones, introducing safety awareness tests to educate users we can reduce the inadvertent breaching of airspace restrictions to protect the public."

These measures come after a consultation looking at ways to make drone use safer while maximising their potential. Findings by the Department for Transport (DfT), British Airline Pilots' Association (BALPA) and the Military Aviation Authority (MAA) published

today in a summary report, reveal drones weighing 400 grams could damage the windscreens of helicopters in particular. However, airliner windscreens were found to be much more resistant. It would take a heavier drone of around 2 kilograms to critically damage an airliner windscreen, and only if the airliner is flying at a high speed; not during take-off and landing.

The government worked with the CAA to develop a new drone code launched last year which has 6 key principles:

- always keep your drone in sight
- stay below 400 feet (120 metres) to comply with the drone code
- every time you fly your drone you must follow the manufacturer's instructions
- keep the right distance from people and property
- you are responsible for each flight
- stay well away from aircraft, airports and airfields



[1] This technology means that drones can be programmed to hover at the edge of zones unable to progress further or not to take-off within zones. Some manufacturers have already programmed their drones not to fly in sensitive areas but the government would like to reinforce this work.

## CRO occupations removed from CSCS Scheme

**The Construction Skills Certification Scheme (CSCS) is urging the contractors to stop turning away non-construction related workers without CSCS cards. CSCS cards are intended for construction related occupations only.**

Following discussions with industry experts and professionals, including CITB and employer representatives, it has been agreed that a number of CRO occupations are non-construction related and should be removed from the scheme entirely.

Amongst occupations removed from CSCS scheme are for instance: Domestic Roof Ventilation Installer, Hydraulic Pump Installer, Locksmith, Marquee Erector, Security Guard, Timber Frame Designer, Temporary Steel Bridge Installer, Cob Builder. A full list is available at <https://www.cscs.co.uk/resource/cro-occupations-removed-from-the-scheme/>

If non-construction related occupations are no longer issued with CSCS card, some workers will be arriving on site without a card. It is the responsibility of the site managers to induct non-construction related workers and escort them where appropriate in order that they can carry out their work safely on site.

CSCS Head of Communications Alan O'Neill said: "CSCS cards are intended for construction related occupations only. Due to the wide range of skills required on construction projects, there are

times when a worker arrives on site to perform a non-construction related activity, for example catering staff, delivering materials or cleaners. These individuals do not require a CSCS card and CSCS has stopped issuing cards for these and many other non-construction related occupations."

### Important facts:

- **CSCS stopped issuing CRO cards from 31st March 2017**
- **CRO cards issued since 1st October 2015 will expire on 30th September 2017\***
- **CRO cardholders must take further steps to replace their CRO cards before they expire.**

\*For the avoidance of doubt, CRO cards issued before October 2015 will remain valid until their expiry date. All related occupation cards issued by the following Partner Card Schemes, SKILLcard (Construction Related Occupation), ECS (Related Disciplines), JIB-UK PHMES (Plumbing Related Occupation), will also remain valid until their expiry date. A full list of the Partner Card Schemes is available at [www.cscs.co.uk/about/partnercard-schemes](http://www.cscs.co.uk/about/partnercard-schemes).

Over 230,000 CRO card holders will be affected and in many cases they will be required to register for existing or newly developed qualifications or to move to one of CSCS's Partner Card Schemes that are more appropriate for their occupation. Some if their occupation is not construction related or no suitable qualifications exist, will not be required to register.

The decision not to issue CSCS cards for non-construction related occupations is a practical step towards achieving the Construction Leadership Council's requirements and ensures we are able to certify applicants to the scheme hold a construction related, nationally recognised qualification. This decision is also fully in line with the Build UK Training Standard.

If you will be refused entry on site due to lack of a CSCS card, please direct contractor to CSCS website. You can also contact CSCS directly at [customerservice@cscs.co.uk](mailto:customerservice@cscs.co.uk) or telephone 0344 994 4777 for further assistance. For more information on the withdrawal of the CRO card visit CSCS website.

(SOURCE: CSCS)



*In June, The Chartered Institute of Building (CIOB) has launched the scheme for conservation specialists.*

# CIOB

## Building Conservation Certification Scheme

### In June, The Chartered Institute of Building (CIOB) has launched the scheme for conservation specialists.

With 25% of the UK's building stock pre-1919 most construction professionals will work on historic buildings at some point during their career, which makes it vital in the public interest to have the right skills and competencies recognised.

"We need to hold onto our past and treasure it", said Rebecca Thompson CIOB President. She added: "Globally, people look to the UK for leadership on the art and science of conservation. We have a huge stock of old buildings that need to be maintained, adapted, restored and conserved and we must ensure that the industry has the right skills and that expertise is clearly benchmarked. The demand from clients and organisations in this space is for 'certified' experts and that is what our scheme provides."

There are three levels of competency within the scheme: Registered, Proficient and Certified, each with different entry requirements and a level-specific certificate.

CIOB Registered in Building Conservation which gives professionals with some experience and knowledge in the area of heritage and conservation recognition for their expertise. Each level offers different entry requirements and offers level-specific certificate.

For those with significant experience of traditional buildings including listed buildings and scheduled monuments there is the CIOB Proficient in Building Conservation level of competency. The final level is CIOB Certified Building Conservation Specialist which is for experts in the field with a deep understanding of the significance and historic value of buildings and the philosophy of building conservation. The scheme acts also a pathway for individuals who want to progress their career in this area as they gain additional qualifications and experience. The CIOB Academy has set out to support

the industry with its own two day 'Understanding building conservation' course which supports this scheme.

The Scheme is open to those who hold at least a NHC/HND in Conservation and have typically three years' relevant experience working in the following roles:

- Works Supervisors / Site Managers
- Building/ Quantity Surveyors
- Design Coordinators/ Managers
- Project/Construction Managers
- Facilities/ Estate Managers

For those without a HNC/HND in Conservation or three years' relevant experience, successful completion of the CIOB Academy Understanding Building Conservation course provides eligibility to the certification scheme.

**For more details on the CIOB Building Conservation Certification Scheme visit <http://www.ciob.org/ciob-building-conservation-certification-scheme>**



# BBA Accreditation for the construction robot

**Recently, the “SprayBot”, first construction robot received the BBA accreditation to work on the building sites. Manufacturer from London, firm Q-Bot said it invented the technology that is “making the retrofit of existing homes cheaper, faster and less disruptive while improving energy efficiency and the quality of construction work compared to the manual, labour intensive alternatives”.**

The SprayBot can be used in hard-to-access underfloor spaces and requires two skilled operatives to control and manage the installation. It can be used for installation of the underfloor insulation in old properties. This is new innovative service provided by a robotic device “Spray-Bot” which can crawl under floors and insulate it from below. It is often impossible for the human worker as the floor voids are typically 12 inches deep. It is a cost efficient method which speeds up the construction process as the existing floor boards do not have to be removed and reassembled. Working with the BBA, Q-Bot developed the detailed training program to ensure installers will be fully trained to work with “SprayBot”.

Insulation of the floor with the insulating material improves the energy efficiency of the building, improves air tightness, reduces heat loss and create warmer floors. Q-Bot’s patented technology uses a remotely operated robot to apply insulation below the floor what allows for quicker installation. The “SprayBot” is inserted into the void under floorboards by removing the external air brick. It surveys the space and creates a 3D map that allows for assessment and plan. Spray

system allows for the insulation material to be applied in layers of 100-150mm. The after work assessment is done to validate the area covered and thickness of the insulation. This method is non disruptive and allows for installation without removal of furniture and floorboards and no need to insert insulation panels.

Mathew Holloway, CEO of Q-Bot: “The award of the BBA Agrément Certificate demonstrates that Q-Bot’s process of insulating the floor is robust, meets all the requirements of the Building Regulations and can be consistently and reliably applied across millions of homes in the UK. The

unique solution allows the whole process to be recorded, complete with a survey of the area and depth of insulation to ensure the quality of the job done. The service will also have a fantastic impact on local communities, generating employment as well as reducing fuel poverty and CO2 emissions. The BBA Certificate will enable us to deliver these impacts at scale across the UK and overseas.”

To find out more about this cost efficient and high-performance technology visit [www.q-bot.co](http://www.q-bot.co)

(Source: Q-Bot)



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# London Build 2017

## 25th & 26th October 2017 London Olympia

**One of the most important events in construction industry, London Build is back on October 25th & 26th with more content, more networking and more entertainment than ever before, and you can sign up for a free ticket today at [londonbuildexpo.com](http://londonbuildexpo.com)**

More than just your standard exhibition, London Build features over 100 hours of CPD accredited content, to allow you to develop your own skills, including exclusive contract and tender announcements from the largest projects within London from the residential, commercial and infrastructure sectors. Gain access to endless networking opportunities, hundreds of facilitated one-on-one meetings to create new business, and live entertainment to ensure that you're having a great day outside the office.

Across the two days, London Build will see thousands of construction professionals, contractors, architects, developers, government representatives come to Olympia London to meet with over 250 exhibitors showcasing the very latest products, solutions, and technology across the sector.

150 top level speakers will be delivering exclusive content in what is the most diverse and progressive programme in the industry, covering topics such as BIM & Digital Construction, Off-Site

Construction, Sustainability, Skills, the Future of London's Construction Industry and much more.

The Department for International Trade, will also be on hand to provide expert one-to-one advice to help your company take a step towards growing your business abroad in our Export Hub.

A free ticket to the show will give you the opportunity to meet with all key players from the biggest construction companies, including Mace, Balfour Beatty, Crossrail, Arup, BDP, Atkins, Brookfield Multiplex, Taylor Wimpey, Tideway and thousands more!

"The adrenaline starts to pump and I get excited about London Build when I think of the people who will be there, hoards of them too! People from the construction sector's different disciplines, different trades, different suppliers and different associations, from different parts of the UK, and internationally, gathering in one place to meet and discuss with a passion their different perspectives, their different ideas and their different needs. And, of course, the differences that they can "bring to the party" to add value to the construction process. It all makes for a wonderfully energetic and highly interactive couple of days that produce moments at London Build's seminars, workshops and individual stands that are illuminating, captivating and quite often down right funny!

Fundamentally I love the event because you come away energised from networking with some really friendly, intelligent people, who together can inform one another of where the industry is right

now; where it is headed; and how you can play an integral part of that positive movement. Attending London Build is, most definitely, time well spent."

- MACE - ELVIN BOX, ASSOCIATE DIRECTOR - HEALTH & SAFETY

If you're looking to get more out of your visit, you could even upgrade to a VIP pass to our London Construction Leaders Summit. Meet with C-Level executives over our exclusive networking breakfast and lunch sessions. Access premium conference sessions throughout the day with speakers from the Department of Health, Kier Living, London Borough of Southwark, London Borough of Hounslow, Transport for London, and NHS Procurement among others.

The evening of October 25th will celebrate the most deserving companies in the industry at the 3rd annual London Construction Awards. Last year saw a range of companies winning awards for their dynamic approach to working in London. This year, at a ceremony presented by Canadian Comedienne Katherine Ryan at the Royal Garden Hotel, a host of companies will be receiving the plaudits of the industry having been selected by our elite panel of global construction experts.

For more details on visiting, exhibiting, or sponsoring London Build, The London Construction Awards, or The London Construction Leaders Summit, visit our website today at [www.londonbuildexpo.com](http://www.londonbuildexpo.com) or email [marketing@londonbuildexpo.com](mailto:marketing@londonbuildexpo.com).

**Book your free ticket and visit IBB Builders Merchant stand!**

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# Leasehold ban

## on the new build houses

**Recently, the Government proposed changes to the unfair sales of the leasehold new build properties. Instead, the leasehold houses will be sold as a freehold. Developers' contracts for leasehold properties will be banned, and the ground rates will be reduced as per new proposal presented by Communities Secretary Sajid Javid last month. Mr Javid said that the plan would affect all future sales and those who are already on leasehold contracts will have to seek agreements with builders.**

The leasehold system has existed for a long time in England and Wales, and it is particularly common for the block of flats. Leaseholders own the property for the agreed period of time on a "lease" to the freeholder. Most properties are freehold, but some are leasehold through the shared ownership

scheme. At the end of the leasehold, the property returns to the freeholder. Leasehold ownership of the property means a long term tenancy when the ground the home is built on remains in the hands of the freeholder. The homeowner (leaseholders) has to pay an annual "ground rent" to the freeholder and

obtains freeholder consent if they want to make any changes to the property.

The trend for the new build houses to be sold as a leasehold has increased in recent years. Usually, leaseholders pay the ground rate to the freeholder, but ground rates tend to double every decade what

makes the property difficult to sell and expensive to live. The Government mentioned there are situations where the annual rent will reach £10,000 a year by the year 2060. Moreover, often there are excessive service charges or additional costs for the leaseholder in the case of any renovation or refurbishments, which also requires the approval of the freeholder.

This situation is called the "PPI of the house-building industry". Approximately 100,000 home buyers are affected by the bad contracts. The launched Government's consultation on the leasehold market seeks to reform the leasehold system. Opinions are welcome on the prohibition of the sale of new leasehold properties, changes to the Help to Buy scheme, applying fair ground rent terms for leasehold properties, updates to the Housing Act 1988 to prevent long householders being treated as Assured Tenants or providing freeholders on

private estates with similar rights to leaseholders. The Government seeks to limit the Help to Buy Equity Loan support on the new build houses if these will be sold on leasehold. The government wants to see more compensation programmes, such as the £130m assistance scheme set up by Taylor Wimpey. Some of Taylor Wimpey new-build leasehold properties became near-worthless due to increasing ground rent contracts.

Ian Fletcher, Director of Real Estate Policy, British Property Federation comments: "We welcome the government's consultation on unfair leasehold practices. It is important to distinguish between houses and flats, where the use of leasehold in flats is very common, but irregular in new build houses. Traditional freehold owners of leasehold flats have been aghast at the use of leasehold in houses, which is in most cases wholly unnecessary and inappropriate. The motivation seems to

have been to raise unreasonable ground rents and, for the sake of home owners, the government is right to clamp down on house builders who have been abusing this form of tenure, and with it their customers.

"The government has also announced improving the process for recognising tenants' associations. It is something we have long-supported. Tenants' associations have rights of scrutiny over the running of their buildings, but with buy-to-let and other types of non-resident owner it is often difficult to make contact with the people who would have a vote in such circumstances. Making that process easier has our support. We would also support changing the threshold of votes needed to form a tenant association, from the 60% in current guidance, to a simple majority."

(Source: HBF)



# Thermal Bridging



**The importance of thermal bridging is due to its influence on the air tightness of the building, energy efficiency and heat loss. Thermal bridging occurs when there are two or more heat conductive elements not connected to each other what creates the discontinuity in the building envelope.**

Heat losses occur when the integrity of the insulation envelope of a building is influenced by the more conductive material. Thermal bridging occurs at junctions, for instance when the layer of insulation is interrupted by a more conductive material, often in places like wall and window or wall and floor. At this points, heat is more transferred through the construction, and cold spots occur. Cold spots cause excessive heat loss and can lead to the condensation and mould growth. Improving junctions details to reduce cold bridges will help achieve Building Regulations compliance. The Approved Document of Part L Building Regulations states that 'The building fabric should be constructed so that there are no reasonably avoidable thermal bridges in the insulation layers caused by gaps within the various elements, at the joints be-

tween elements and the edges of elements such as those around window and door openings.'

Particular heat losses occur in old buildings that lack insulation or have single wall construction and single glazing. In such cases retrofitting improves energy efficiency by adding insulation layer, loft insulating or fitting double glazing.

There are two types of the thermal bridging, repeating and non-repeating. Repeating thermal bridges are mortar joints and wall-ties in masonry construction or timber or steel studs in framed construction. It is possible to calculate U-values knowing number and place of repeating thermal bridges. Non-repeating thermal bridges is a wall junction and lintel, accounted with PSI-values and calculated by thermal modelling software. Thermal bridges can be revealed with thermal imaging cameras

Heat losses connected with particular construction elements like walls, windows, floors, etc. multiplied by its U-value gives the anticipated heat loss. Thermal bridge losses can be quantified by multiplying the junction PSI-value by the junction length. Total heat loss from all building junctions is expressed by Y-value- the sum of all individual junctions heat losses divided by the total surface area of the dwelling.

*For detailed information on Thermal Bridging check Zero Carbon Hub publication "Thermal Bridging Guide" at [www.zerocarbonhub.org](http://www.zerocarbonhub.org)*



Follow approaches presented by the Zero Carbon Hub to reduce thermal bridging.

## Masonry construction

### Ensure:

1. Use of a split or thermally broken lintel
2. Use light aggregate clockwork inner leaf
3. Use a PU/PIR cavity closer
4. Use insulated plasterboard on the inner leaf
5. Use a window frame overlap of minimum 50mm.
6. Increase eaves insulation depth

### Avoid:

1. Omitting rafter insulation at eaves
2. Omitting insulation between truss and wall
3. Omitting soffit insulation at eaves
4. Stopping party wall cavity insulation short of loft
5. Omitting a cavity closure
6. Omitting a cavity insulation below DPC
7. Omitting floor perimeter insulation
8. No window frame overlap with the cavity

## Timber frame construction

### Ensure:

1. Use thermal laminate plasterboard on the side of frame
2. Use beam and block ground oor instead of ground bearing slab
3. Use light aggregate footing blocks
4. Use min. 50mm or perimeter insulation thickness
5. Use a window frame overlap of min. 50mm
6. Use min. 150mm insulation behind rim board
7. Use a PU/PIR cavity closer
8. Increase eaves insulation depth
9. Use PU/PIR cavity lintel insulation

### Avoid:

1. Omitting ground oor perimeter insulation
2. Omitting rafter insulation at eaves
3. Omitting rim board insulation
4. No window frame overlap with cavity
5. Omitting the cavity closure
6. Omitting so t insulation at eaves
7. No cavity lintel insulation

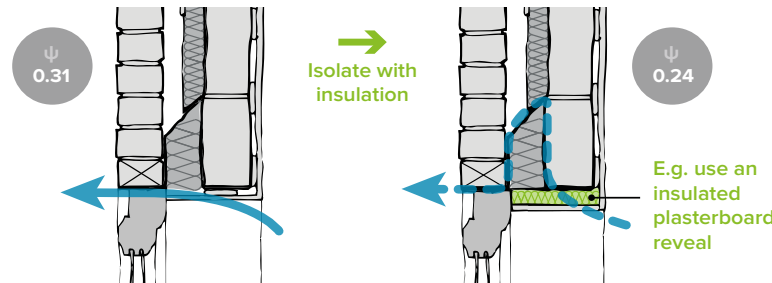


# HOW DO I IMPROVE JUNCTION PERFORMANCE?

Thermal bridging heat losses occur when the integrity of the insulation envelope of a building is compromised by a more conductive material. The diagrams below illustrate four alternative ways in which the effects of cold-bridges at building junctions can be reduced or negated using a masonry lintel as an example. In the main body of the Guide one or more of these strategies are used to show how each of the most important PSI-values in dwellings can be reduced and by how much

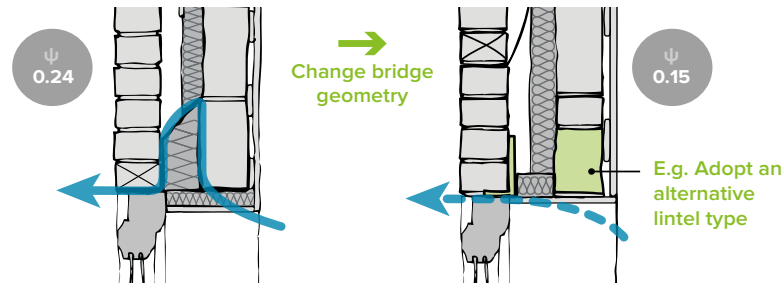
## 1. ISOLATE THE THERMAL BRIDGE WITH INSULATION

Use a layer of insulation to minimise direct contact of the thermal bridge with either the inside or outside temperature.



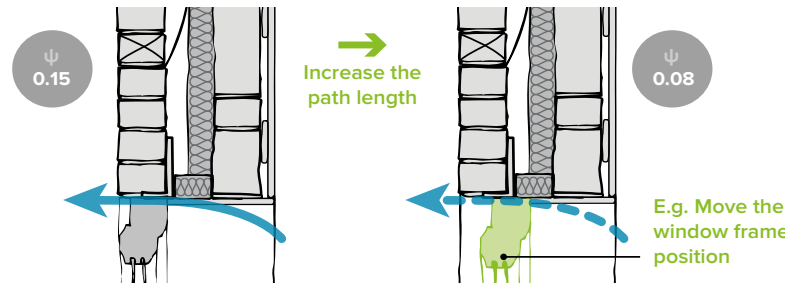
## 2. CHANGE THE THERMAL BRIDGE GEOMETRY

Move, remove or reduce the size of the thermal bridge component.



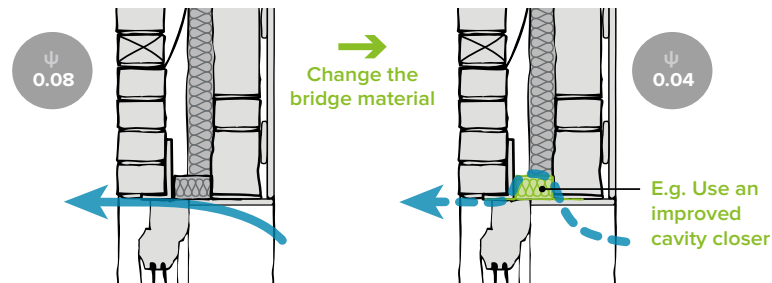
## 3. INCREASE THE THERMAL BRIDGE HEAT PATH

Increase the length of the thermal bridge or strategically place insulation in order to make the heat travel further to escape.



## 4. CHANGE THE THERMAL BRIDGE MATERIAL

Change the conductivity of the material causing the thermal bridge.



Extract from Zero Carbon Hub publication Thermal Bridging Guide

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Mineral Wool Rolls & Slabs | Polyisocyanurate (PIR) Boards  
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# Prepare Prime Paint

If you have already seen our guide to professional decorating issued in February 2016 edition, in this part you will find valuable advices on how to achieve the best possible results in painting. Refer to the Feb 2016 Edition for the guidance on paint and tools selection. Prepare- Prime- Paint are three steps which if executed in professional manner will guarantee the desired wall finish.

## 1. PREPARE

Surface preparation is the primary task to achieve the high standard of painting finish. It often consists of stripping existing wallpaper or using warm water and scratcher to remove it. Heat gun, stripper or stripping paste can be used to strip off the paint from wooden parts. Washing the surface is also essential to remove the old adhesive. Next step is to fill cracks between edges in walls, ceilings, skirting. We recommend using the light filler. In the case of woodwork filling cracks and sanding will improve the smoothness of the surface. Sanding of walls can be done with the sand paper or sanding plate while the old paint on woodwork is recommended to be removed



entirely. Remember to protect all areas exposed to splashing with foil sealed with tape.

Masking off with tapes is another step that will help to achieve smooth edges and avoid paint bleeding. Masking off areas like corners and edges of walls, ceilings, floors, skirting and covings is of particular importance. Remember that masking tape won't adhere properly to dirty or damaged areas what can lead to paint bleeding.

### How to achieve clean lines for walls and ceilings?

Use masking tape along all requires length, always use tape in 30cm lengths stuck tighter as longer tape tends to extend. Avoid stretching of the tape as this will cause gaps and poor adhesion.

### How to use masking tape to achieve clean lines?

First of all, apply the paint extending the area where the line is required. When the paint dries up stick the masking tape and covers the part where the edge is necessary with the second layer of the paint (paint along the edge). It is often called bleed line - if not done paint bleeding might occur under the masking tape. It works as an additional seal against paint bleeding under the tape. The second colour will not bleed in, and the edge of the paint is the edge of the line. Overlap the location of the tape line with the second colour. Remove the tape at a 90-degree angle before the paint dries.



## ACRYL-PUTZ® FS20 Finisz

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High quality ready-to-use putty for final and finishing smoothening of walls and ceilings applied by hand or mechanically. During application it preserves a stable consistency and therefore can be used for a long period of time. Not used, hermetically sealed maintains applicable properties for further use. After drying it is easy to grind and maintains very good durable parameters. It leaves a snow-white and ideally smooth painting surfaces.

ACRYL-PUTZ® FS20 FINISZ contains a special polymer resin which improves its durable pa-

rameters significantly and determines excellent adhesive properties of the putty to the surface.



## SNIEZKA LATEX

LATEX PRIME EMULSION FOR INTERIORS (matt, white)

Śnieżka GRUNT thanks to its special components is applied with thick layer and levels roughness and colour of the surface. It penetrates the surface enhancing adhesive properties of the surface coating and diminishes its use.

Using Śnieżka GRUNT will contribute to decrease costs of painting since only one layer of prime paint and one layer of surface paint is usually necessary to gain the desired effect. It is especially recommended when painting plaster cardboard panels for the first time and rough surfaces. It has excellent covering properties to be used upon cement, cement and lime, wood and wood-based surfaces either residential premises or public or industrial facilities.







**EXPERT ADVICE**  
**Śnieżka**

## 2. PRIME

Primers are base coats that protect the surface and provides the base for further painting. There is a selection of oil-based or water-based primers and specially designated for masonry, plaster or tiles. Another type of base coat is undercoat mainly used with woodwork or oil-based paints to build on capacity.

There are several reasons why priming is so important, for instance, to increase absorption, strengthen the substrate surface and improve adhesiveness of the topcoat paints. Primers create a waterproof barrier so is especially essential in humid rooms. Priming can be performed by using paints and priming agents or primer fillers. Thanks to the unique formula, they can level up differences in the texture and colour of the substrate. Application of primers contributes to decreased use of topcoat paints, which consequently reduces performance costs since the desired effect can be obtained by just one painting.

Priming is intended for first painting of cardboard gypsum panels and substrates of non-uniform texture, cement plasters as well as cement and lime ones used inside of residential areas, public and industrial facilities. Each new wall ought to be covered by a priming agent. If, however, the wall has been previously painted, priming might not be necessary. In order to check it, we can carry out a simple test

which is to rub the wall by using our palm. If a thin layer can be found on our palm, it indicates the necessity to prime the wall. It's recommended to do this test in a few spots and check them by using our palms.

While using primers, it's worth bearing in mind that too excessive amount of a primer might 'glaze' the wall, which might prevent from further painting. This is because the substrate is not absorptive and the product dries out on the surface.



It's recommended to start priming from difficult-to-reach spots and corners. The product must be applied onto the surface by a paintbrush or a small roller (10-15cm width). The remaining surface of wall ought to be painted by using a large roller (18-25cm width), by beginning from wall corners and moving left or right. The paint must be applied ver-

tically, top-bottom, to cover the whole surface. To avoid the occurrence of streaks, the last application must be carried out from top to bottom.

Only then can we proceed with further painting works. It's crucial to keep to requirements regarding drying time of particular agents before application of others. The final effect of wall painting depends on used agents and the way of their use.

## 3. PAINT

We will advise checking the manufacturer's instructions for conditions that should be in the room during the paint application. Humidity and temperature will affect the final finish. It is recommended to paint in the well-ventilated areas with the optimum temperature of 18-25 degrees Celsius. Too dry air will cause paint to dry up more quickly what causes streaks and coating defects.



Never cover wet areas with the paint. Always wait until the primer or undercoat dries properly. Paint applied to the damp areas loses its adhesion.

To avoid stains or coat defects always use paint from top to bottom or with the so called "v" technique. Coating next part of the walls should always be done when the paint is still wet. Stop painting only when the whole surface is covered with the layer of paint.



Another important tip is to avoid pushing the roller firmly to the surface as this can cause visible roller tracks and smudges. Always invest in high-quality brushes. Bear in mind that the roller should

be chosen correctly to the type of paint and is good to invest in tools suggested by manufacturer. Also, on the roller itself, you will find descriptions concerning for what kind of paint the product is designated.

Poor quality paint or mixed with too much water will have poor coating properties, and more layers might be required to achieve the desired finish.

Always start painting from the ceiling and when dried proceed to walls. While painting ceilings start off by applying paint with the brush from the corners and hard to reach areas around lamps, ledges, stucco work and ventilation grilles. The even remaining parts of the surface paint with the roller. Apply the second layer of the paint in vertical stripes to the previous one to achieve an entirely painted surface with no visible streaks. **You can find valuable advice in our Feb 2016 issue here at [issuu.com/ibbbuilder](http://issuu.com/ibbbuilder) or visit [www.sniezka.pl](http://www.sniezka.pl)**

(Source: Śnieżka)





Quotation for painting of 100sqm with acrylic paint

- Latex prime emulsion is used for enhancing adhesive properties of surface
- Works includes protection with masking tapes and covering sheets etc.
- Mixing paint before use
- Cleaning tools after painting

MATERIALS

Materials usage for finishing 100sqm wall surface

No	Material	Code/dim	Picture	Usage	Price* excl. VAT unit	Usage for 100 sqm	Cost* excl. VAT	Cost* incl. VAT
1	Undercoat paint	Grunt Sniezka 10ltr		0.01 bucket/sqm	£21.25	1.00 bucket	£21.25	£25.50
2	Acrylic paint	EKO white 10ltr		0.01 bucket/sqm	£17.92	1.00 bucket	£17.92	£21.50
Total							£39.17	£47.00

\* all products available at IBB; prices before discounts

LABOUR

Labour – finishing 100 sqm wall surface

No	Description	Labour per unit	Q-ty	Labour [lh]
1	Painting with priming emulsion, one coat	0.10 lh/sqm	100.00 sqm	10.00
2	Painting, one coat	0.10 lh/sqm	100.00 sqm	10.00
				20

Labour TOTAL

No	Description	Labour [labour hours]	Company rate* excl. VAT	Cost excl. VAT	Cost incl. VAT
1	Labour	20.00	£27.00	£540.00	£648.20

\* gross company rate vary depending on net company rate, overheads, profit margin

Cost of paining 100sqm wall surface (M + L = 39.17 + 548.00 = 587.17 net) - 5.87 net /sqm




# QUALITY INTERIOR PAINTS

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A collection of Sniezka paint cans in various colors (white, green, blue, orange) and sizes. A woman with blonde hair is smiling and looking at the camera. She is holding a paint roller. The background is a gradient of purple and pink.



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# Blue Dolphin

available in IBB Builders Merchants depots!

Blue Dolphin is the trusted manufacturer of the tape including painter's tape, general use tape, duct tape, surface tape for both DIY and professional users. Blue Dolphin allows for efficiency, eco friendly and good value for money solutions for your building works needs.

## QUICK TIPS

**1. How long can Blue Dolphin Tape be left on the surface?**

It can be left for 30 days if it is not exposed to the UV radiation and up to 8 days if exposed to the sun.

**2. How to tape the surface?**

It is recommended to apply Blue Dolphin tape in dimensions of 30cm as longer parts can be prone to extending or paint bleeding. Ensure that the surface is adequately prepared before tape and paint application (grout applied).

**3. How to achieve the clean edge?**

When you apply the tape, make sure it properly adheres to the surface.

**4. How to remove the tape after painting?**

The tape should be carefully removed before the paint dries up, under 90 angle. If the paint is already dry, it is recommended to use wallpaper knife and cut a thin part of the tape.

**5. Which tape is the best for external surface and over 21 days application?**

It is recommended to use the external polyethylene tape - blue 30 days or red 60 days.

**6. How to avoid paint bleeding?**

After tape application ensure it properly adheres to the surface by pressing near the edge that will be painted. Remove the tape before the paint dries.

**7. How to avoid streaks and smudges during painting?**

Use a roller with patterns.

**8. Which roller to choose to achieve the smooth painted surface?**

It is recommended to use the micro fibres roller with diagonal stripes.



Source: Blue Dolphin

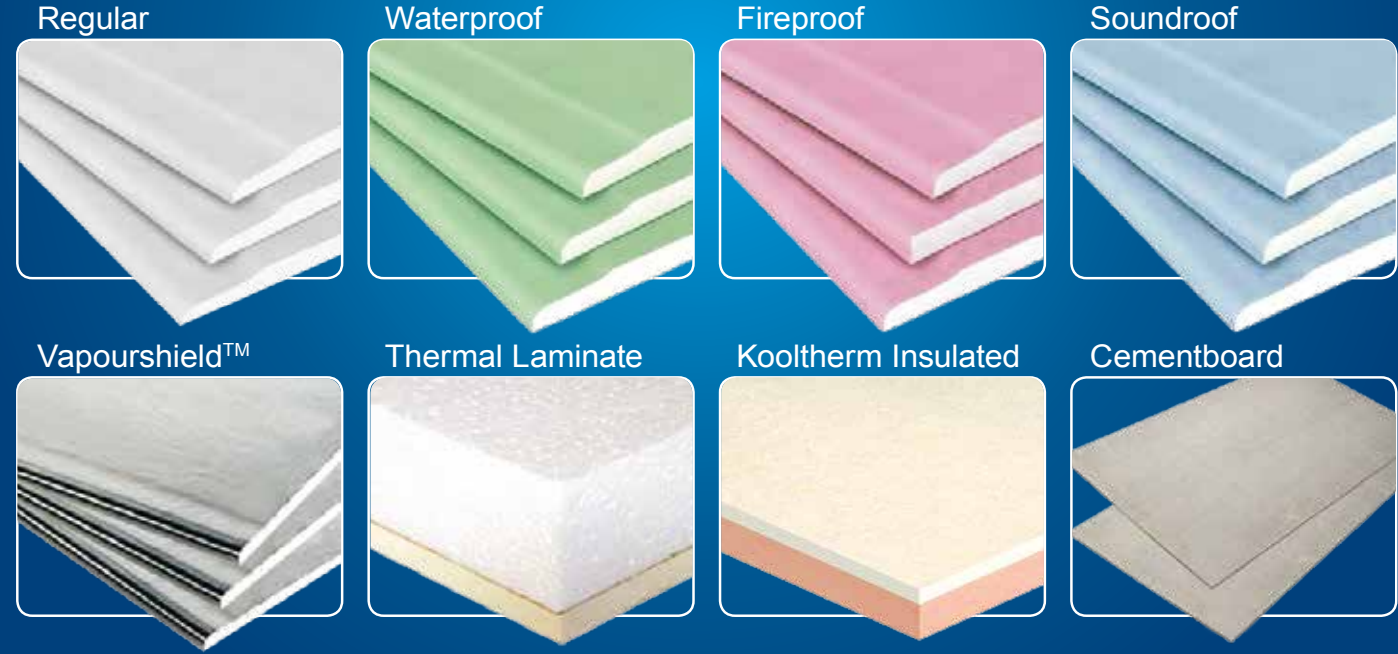
## BLUE DOLPHIN TAPES COMPARISON

TAPE TYPE	SIZE	IMAGE	DESCRIPTION	SURFACE
Blue masking tape	MT PG PRO blue 25mm*50m 38mm*50m 48mm*50m		allows for the clean edge and prevents paint bleeding, leaves no residue for up to 14 days	various surfaces including painted walls and trims, plastic, metal or glass, lacquered & varnished woodwork
Aluminium Tape	AT 22 clear 48mm*50m		ideal for insulation, heating and ventilation.	various surfaces & most weather conditions
High performance 3 days clean masking tape MT-6273	MT-6273 yellow 25mm*50m 30mm*50m 38mm*50m 48mm*50m		can be used on hard to stick surfaces like brick, stone, concrete etc.	can be used on hard to stick surfaces like brick, stone, concrete etc.
Contractor Tape	MT-PER red 48mm*50m		weather resistant mask tape, 60 days clean removal	external surfaces, ideal on vinyl, glass, plastic, aluminum.
Exterior Rough Surface Tape	DT PRO orange 48mm*50m		highly conformable with strong and flexible backing. UV and Weather Resistant.	uneven surfaces adheres to brick, cement, stucco etc.
Hybrid Dual	HD clear		painters' double sided tape	various surfaces



General Purpose Tape	PT BR 48mm*50m		general purpose packaging tape used for bundling, holding and packaging	various surfaces for packaging purpose
Premium Duct Tape	OT silver 48mm*50m		better adhesion on smooth and rough surfaces due to more adhesive	various surfaces
Cloth Premium Gold Tape	FTG-265 grey 48mm*50m 50mm*50m		heavy duty sealing tape, UV and weather resistant, industrial use duct tape, made with innovative multilayer substrate that increase strength and dimensional stability than standard duct/cloth tapes.	Can be used both inside and outside.
Joining tape	PE black 50mm*50m		sealing tape designated for joining construction membranes. Waterproof with strong adhesive.	
Fleece/Tissue tape	TXT white 50mm*25m		anti crack tape, non adhesive backing, glass veil tape, ideal for patching walls, repairing.	Various surfaces, but can be also recommended for the installation in humid rooms.
Repair Fiberglass Tape	FSH white 6*8 scrim tape, 100mm*20m / 48mm*90m/ 150mm*20m		extra wide self adhesive fibreglass mesh which does not stretch, shrink and remains stable.	Can be used for joining plasterboards or for large scratches and crackings.
Barrier Tape	BT red-white 75mm*100m		non-adhesive red and white striped tape for separating off areas or other hazardous obstructions as a highly visible warning.	For marking out areas.

# QUALITY DRYWALL



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# What a season it was!

**Top English volleyball trophies won, participation and two wins in European Volleyball Cup and a current volleyball World Champion on court - these are the highlights of the most successful season ever for IBB Polonia London Volleyball Club.**

It all started with the new Head Coach - Piotr Graban - who took over the team at the beginning of the season and was always open about his goals: "My

plan is to move the whole English volleyball forward. I am young, ambitious and full of belief that our sport has a great potential in the UK. The players, supporters and management at IBB Polonia are really committed to our sport and I think the time is right to show the world that English volleyball exists" - said Graban, who will lead IBB Polonia for the upcoming 2017/18 season as well.

The regular season seen IBB Polonia fighting for three trophies - Londoners as the first club in English Volleyball history applied to play in European Challenge Cup in addition to the domestic League and Cup. After traveling to Poland, Hungary and Holland IBB Polonia ended their European adventure by beat-

ing Draisma Appeldoorn 3:2 in front of a full house at Crystal Palace National Sports Centre.

"It was amazing to see how hungry the people of London are for top quality volleyball events. In less than three weeks we managed to sell out the Crystal Palace hall on Wednesday night! We didn't manage to progress to the quarter final of the CUP, but to finish ninth and to win two matches is much more than many considered possible. The plan is to increase the number of international volleyball matches in London - clearly if done right - they are a very attractive proposition for the otherwise spoiled for entertainment choice Londoners" - said the Chairman of IBB Polonia - Bartek Luszcz



On the home turf it was Sheffield Volleyball Club that caused IBB Polonia the most problems as the two met in both finals - English Championship and English CUP. But before the semi final of the League came the news - the current volleyball World Champion - Krzysztof Ignaczak - will join IBB Polonia London. It was a carefully planned marketing stunt that work wonders for IBB Polonia and ensured that loyal fans got more than they expected. What is more the relationship didn't end at the end of the season, as both parties plan to continue the cooperation:

"I would like this to develop into a long-term relationship. I like the openness with which President

Luszcz has been thinking and how he has been seeking a solution to improve the British perspective towards volleyball. The development of the sport is a very interesting project which I would like to add to my list of tasks. Our sport has a massive potential in the UK and we want to open the eyes of the population. I will eagerly share my knowledge, my experience, my ideas, and not only on court" said Ignaczak.

"I would like to thank all the fans, players and sponsors - especially IBB Builders Merchants - for the trust and support that we felt throughout the whole season - it really helped! We are at the very

beginning of the road to develop English Volleyball into a top quality sport, but the rapid growth we experienced in the past two seasons show that our dream is possible. The main aims for the upcoming season is to compete internationally and to improve the quality of our events. So the fans can look forward to more sold out events in London" - said the Chairman of IBB Polonia VC - Bartek Luszcz

**IBB Polonia London will resume trainings in mid August with the first match of the season scheduled for the 7th October.**





# IBB Polonia Football Club

## Official End of Season 2016-2017 Celebration







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1\*20m

**TMB CARDBOARD  
SMOOTH**

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48mm\*50m

**MASKING TAPE  
BDT MT-PG SBL**

**£2.48 net**

(RP £4.13 net)



48mm\*50m

**MASKING TAPE  
MT-6273 Yellow**

**£1.28 net**

(RP £2.13 net)



48mm\*50m

**CONTRACTOR TAPE  
MT-PER Red 120**

**£2.98 net**

(RP £4.96 net)



Rough surface  
48mm\*50m

**PLASTER TAPE  
DT-PRO Orange**

**£4.75 net**

(RP £7.92 net)



Smooth&Semi smooth surface  
48mm\*50m

**PLASTER TAPE  
DT-PRG Green**

**£3.96 net**

(RP £6.60 net)



Strong Duct Tape  
48mm\*50m

**CLOTH TAPE  
FTG-265 Gold**

**£5.35 net**

(RP £8.92 net)



Duct Tape  
48mm\*50m

**CLOTH TAPE  
OT-200 S**

**£2.75 net**

(RP £4.58 net)



Premium Havana  
48mm\*25m

**DOUBLE SIDED  
TAPE DPPPR**

**£1.97 net**

(RP £3.29 net)



Aluminium  
48mm\*50m

**ALUMINIUM TAPE  
AT-22**

**£4.75 net**

(RP £7.92 net)



75mm\*100m

**BARIER TAPE  
BT Barier W/R**

**£2.25 net**

(RP £3.75 net)



Glasfibre Scrim Tape  
230mm\*20m

**SCRIMM TAPE  
FSH-6\*8**

**£3.98 net**

(RP £6.63 net)



50mm\*25m

**FLEECE TAPE  
TXT fleece**

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100\*215cm

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CURTAIN**

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Dust Sheet  
4\*5m

**COVER FOIL  
EXTRA STRONG**

**£1.97 net**

(RP £3.29 net)



500mm

**SF-120 STRETCH  
TRANSPARENT**

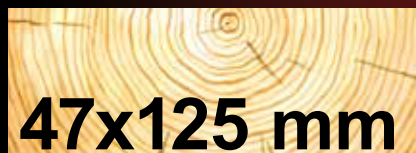
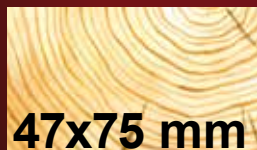
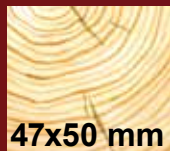
**£4.97 net**

(RP 8.29 net)



# QUALITY TREATED **TIMBER**

## **PLYWOODS & OSB BOARDS\***



\* Various sizes available



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