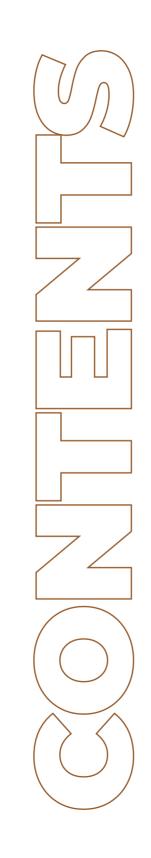






SYSTEMS

PRODUCTS



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MAINTENANCE



Ours is a great Italian story which begins on the outskirts of Milan with Rodolfo Squinzi, the company's founder, who began producing Auxiliary Materials for the Building Industry (MAPEI in Italian stands for "Materiali Ausiliari Per l'Edilizia e l'Industria"). It was his idea to focus on a niche market of the sector, adhesives for floor and wall coverings, and was the first step on the road to success. In the 60's, as the Italian ceramics market exploded, Mapei was ready to seize the opportunity by offering a range of products that made the laying of ceramic tiles easier and safer by replacing traditional cementitious mortar. Those years were crucial for Mapei to understand the value of Research, which guickly became one of the main drivers behind the company's development. Mapei started producing new types of adhesives, but also sealants, special mortars, waterproofing products and admixtures for concrete.

MAPEI UK

Manufacturing facilities at Halesowen are capable of producing 103,000 tonnes of product annually. Over 150 product SKU's are manufactured in the UK at the 24 hour operational site, employing over 300 members of staff to provide support and assistance to an ever increasing customer base of more than 700.

In addition to an expanding manufacturing plant and offices in the West Midlands, Mapei UK has a dedicated nationwide network of Specification Managers who offer a full NBS specification service with products listed in the BIM library. The Specification Managers work closely with the Technical Services Department to ensure seamless advice throughout each project from initial specification stage, to installation and post-completion.

As part of the learning and product education events Mapei hosts, a fully equipped training facility. Mapei Academy, is located in the West Midlands and offers both general product range training and more in-depth seminars to demonstrate Mapei's system solutions for a range of construction scenarios.

Mapei is on hand every step of the way to assist with your project, making the conventional, exceptional.



MAPEI HOUSE, STEEL PARK ROAD, HALESOWEN, WEST MIDLANDS, B62 8HD



MAPEI ACADEMY, STEEL PARK ROAD, HALESOWEN, WEST MIDLANDS, B62 8HD



HALESOWEN, WEST MIDLANDS



MAPEI WORLD LONDON CITY, 6 GREAT SUTTON STREET. CLERKENWELL, LONDON, ECIV 0BX

THE WORLD MAP BECOMES INCREASINGLY BLUE.

84 plants, 91 subsidiaries, to be fast, efficient and competitive on the market.

KEY

- 🙆 Mapei Headquarters • Mapei main offices with factories
- R&D centres
- Mapei commercial branch offices
- Mapeiworld Specification Centres
- Offices and factories of other Mapei Group companies
- Commercial branch offices of other Mapei Group companies

~



Billion Euros consolidated turnover in 2021



More than 600000 New formulations by Mapei Group every year

Research centres in 20 countries



Subsidiaries in 57 different countries

More than

More than

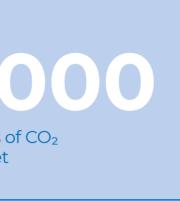




More than

16

Products for the building industry of Mapei Group





Plants in 5 continents, in 35 different countries

Professionals from the sector involved in Mapei training courses

to Mapei additives for cement grinding



Mapei systems are certified by recognised external institutes and laboratories.



Mapei products for wood installation and care products have been awarded the UKCA and CE mark in compliance with EN 15651, 13813



Mapei Euronorms Logos indication performacce



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



The sanitaire logo is obligatory in France, and must be applied on all construction products for internal use. It is similar to the energy efficiency label applied on household appliances, and indicates the class of the product (A+ is the highest and C is the lowest) regarding the emission of volatile organic compounds (VOC) to safeguard the quality of indoor air and, as a result, the health of final users.



Mapei was awarded Certiquality certification in 2016 for their EPD (Environmental Product Declaration) issuing process. An EPD describes the environmental impact of a product throughout its entire life cycle by measuring its impact using standardised LCA (Life Cycle Assessment) methods.



LEED is a voluntary system for the design, construction and management of high-performance, sustainable buildings. The LEED certification system indicates the requirements for constructing environmentally sustainable buildings in terms of energy and the consumption of natural resources involved in the construction process. The LEED protocol was created in the USA, and is currently applied in more than 100 countries.



An independent, third party non-profit distributing organisation, our ambition is to provide reassurance to the construction industry that manufacturers' products, systems and procedures are 'fit for purpose'. Accredited by the United Kingdom Accreditation Service (UKAS), our testing is carried out in accordance with ISO/IEC 17025.

Mapei constantly promotes sustainability by joining international programmes and organisations and developing technologically-advanced products and solutions which contribute to safeguarding the environment and our health.



THE ENVIRONMENT A CHALLENGE TO OVER OME

Experience, research and innovation to build a sustainable future together.

products which are safe, reliable, durable over the years and which have the lowest impact possible on the environment. This means safeguarding

consumption of materials and energy for heir construction.

Our choice looks to the future and comes from our constant commitment to research into innovative, efficient formulas which can be integrated to form complete application systems.

Maintaining quality standards of excellence also requires significant, targeted investments. Excellence, however, is not just something you declare: what we communicate is measurable, measured and certified by external bodies who can evaluate our claims objectively. And Mapei has gone even further; since 2012 we have offset more than 100,000 tons of CO₂ associated with the italian production of KERAFLEX MAXI SI ZERØ in Italy through the acquisition of certified credits by financing wind energy projects in India. Mapei concretely promotes sustainability by joining international programmes and organizations, among which the **Responsible Care** initiative that is the commitment to sustainable development and the **LEED system** Leadership in Energy and Environmental Design – developed by the US Green Building Council for the design and construction of eco-compatible buildings. Mapei's products **are certified in compliance with the strictest and most demanding norms and standards**.

TECHNICAL DEPARTMENT

Based at our main office in Halesowen Mapei have a dedicated team for all your technical enquires. The teams knowledge spans our extensive range of products covering all fifteen product lines. The team are contactable from 8:30am to 5pm weekdays and where needed it can be arranged for a member of the team to make a site visit.

SPECIFICATION TEAM

Our dedicated specification team definitely know their stuff. With a knowledge base spanning the full range of products available, no matter how large or small the project, is if you need a specification, we can write it.

SPECIFICATION CENTRE

Based in Clerkenwell, London, Mapei have opened a dedicated specification centre with staff always on hand. Our hub makes for a perfect working spot away from the office whether it be a short session to utilise expertise or perfectly demonstrate to your client our available systems and how it perfectly suits the project.

CPD'S

Mapei is dedicated to the professional development of its own staff along with architects and engineers. Mapei hosts a full range of RIBA accredited CPD's at their specification centre as part of their 'Lunch & Learn' initiative and we do include lunch! If you're a little further afield, let us come to you. We're more than happy to host a CPD of your choice and your venue.

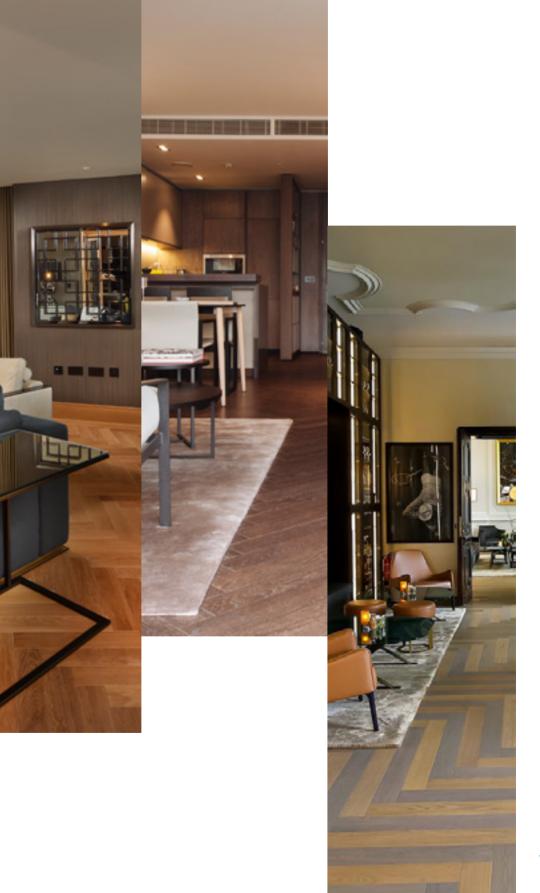
TRAINING

With our newly opened Mapei Academy we host a range of practical training session for you and your team. This is a wonderful opportunity to find out more about our products and how they work in a real-world scenario. We recommend not wearing your favourite t-shirt though, as our experienced trainers take the term practical very seriously.

5. Products for sports flooring 6. Products for wooden flooring 8. Products for acoustic insulation 9. Products for building **10.** Admixtures for concrete **11.** Architectural stone paving 13. Products for CFS industrial flooring 14. Products for structural strengthening 15. Products for masonry restoration 16. Products for thermal insulation 17. Wall protective and decorative coatings **18.** Products for waterproofing **19.** Waterproofing products for roofing **21**. Elastic sealants and adhesives **22.** Products for the marine industry 23. Cement additives C-ADD 24. Asphalt pavements

- 1. Products for ceramics and stone materials
- **2.** Complementary products for installation work
- **3.** Products for cleaning, maintaining and protecting surfaces
- 4. Products for resilient, LVT, textile materials
- 7. Products for cementitious and resin flooring
- 12. Architectural exposed aggregate concrete surfaces
- 20. Products for underground constructions UTT

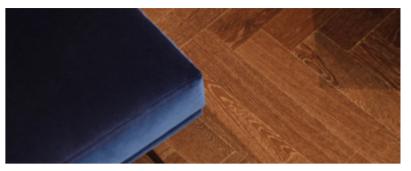




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BATTERSEA POWER STATION

Mapei products for the installation of ceramic and stone tiling and wood flooring were specified to install floor coverings including over 63,000sq.m. of Domus wood flooring throughout all of the residential and penthouse apartments at Battersea Power Station. London. The construction of over 850 apartments at this iconic site, along with retail, leisure and hospitality areas has been completed during the first phase of building.

Over 50,000sg.m. of wood flooring has been used in conjunction with Mapei's adhesive ULTRABOND ECO S955 1K to furnish every apartment in the prestigious development. ULTRABOND ECO S955 1K is Mapei's onecomponent, solvent and isocyanate-free sililated polymer adhesive with extremely low emissions of VOCs. ULTRABOND ECO S955 1K can be used with all types and sizes of engineered and solid wood flooring, hence its suitability for the installation at Battersea Power Station.

Tiles from Domus and stone supplied by GD Stones were installed using Mapei's range of ceramic products, including adhesive and grout to the bathrooms, balconies and common area corridors to a total area of 55,000sq.m. ULTRAPLAN RENOVATION SCREED 3240 was installed to correctly prepare the flooring substrate before installing large format porcelain tiles in the bathrooms. The low-dust KERAFLEX MAXI SI adhesive is particularly suitable for the installation of large-size porcelain tiles and natural stone.

Floor tiles were installed to the bathrooms, balconies and common area corridors, lift lobbies, the residential kitchen, residential WCs, residential gardens and stairs using Mapei's high performance **KERAQUICK SI** adhesive with LATEX PLUS to increase elasticity. The tiling was finished using Mapei's ULTRACOLOR PLUS grout in shade 299 (Limestone), 111 (Silver Grey), 112 (Medium Grey), 113 (Cement Grey) and 114 (Anthracite).

Work on phase one of the Battersea Power Station regeneration marked the start of the massive new redevelopment of one of London's most iconic landmarks to include 3,500 homes, offices, shops, leisure facilities, restaurants and a six-acre park.



A FLOORING INSTALLATION

The building comprises 1, 2, 3 and 4 bedroom apartments and penthouses which have been completed to the highest specification using eco-rated products from Mapei's range, allowing for the application of engineered wooden flooring.

Jason Mortenson, Project Director from Berkeley Homes (Central London) commented "We have used Mapei's ECO PRIM T* primer with great success, giving us a high quality base before starting our flooring works with the key benefits of being safe, sustainable and easy to use."

Mapei's **ECO PRIM T*** is a water based and low VOC solvent free primer for interior use, ideal for priming before installing levelling compounds. At Abell & Cleland, **ECO PRIM T*** was used throughout before applying LATEXPLAN TRADE to level and smooth the substrate, ready to receive floor coverings.

ULTRABOND ECO S940 1K is Mapei's one-component, solvent and isocyanate-free sililated polymer adhesive with extremely low emissions of VOCs and can be used with all types and sizes of engineered wood flooring, hence its suitability for the installation at Abell & Cleland. Throughout all apartment flooring in the development, **MAPESONIC CR**, the 2 mm rubber and cork soundproofing mat, was also applied on the substrate before installing the wooden flooring.

*Eco Prim T has now been superseded by Eco Prim T Plus, now with even lower VOCs





SCHLOSSHOTEL FLEESENSEE

Originally built in 1842 as Castle Blücher in Göhern-Lebbin – a small town between Hamburg and Berlin – it was destroyed by a fire in 1912 and then re-built in neo-Baroque style. In 2015, the castle was sold to Lindner Investment who renamed it the Schlosshotel Fleesensee. Before reopening it to the public, the new owners decided to give it a complete overhaul and turn it into a designer hotel.

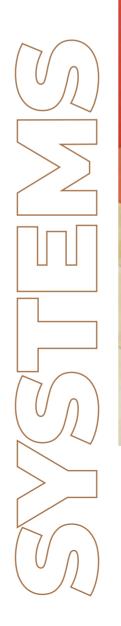
The owners wanted to offer the clientele an environment along traditional lines, but with finishes and materials to give it a decidedly modern look. The designers opted for contemporary furnishings and fittings, a sophisticated lighting system and a complete restyling of the spaces, with special touches to give the rooms – characterised by their high ceilings – a special atmosphere. The entrance, foyer, reception, bar, wine cellar, restaurant and winter garden all have parquet flooring made from very special types of wood characterised by their unique finish and high resistance to wear and foot traffic. In the conference rooms, corridors and bedrooms, the designers decided to install high quality carpet, with each room having its own individual colour and pattern; details that transmit wellbeing to a client, with good soundproofing and a sense of tranquillity and warmth.

The contractor wanted to use exclusively Mapei systems to install around 2,000 sg.m of wall and floor coverings - Mapei were able to offer adhesives, primers, levelling and smoothing compounds with very low emission of VOC and with Der Blaue Engle certification. Mapei specialists also provided onsite tailored technical assistance. The first step was to treat the substrates with ECO PRIM PU 1K TURBO moisture-curing, rapid-drying polyurethane primer in combination with ECO PRIM T PLUS, acrylic primer in water dispersion. Local repairs have been carried out with PLANIPATCH, finegraded cementitious levelling compound mixed with LATEX PLUS instead of water. Cracks have been sealed with **PRIMER MF**. The substrates were levelled with ULTRAPLAN ECO PLUS self-levelling smoothing and levelling compound (produced and marketed in Germany). Once this had dried, around 900 sq.m. of wooden flooring was laid using ULTRABOND ECO **S968 1K** one-component, silylated polymer-based, solvent and plasticizer free adhesive and free of solvent content. ULTRABOND ECO 170 high grab adhesive in water dispersion was then used to install 1,100 sq.m. of textile floor coverings. The next step for the designers and owners is to completely renovate the sport resort next to the hotel.





ECO PRIM PU IK TURBO ECO PRIM T PLUS PLANIPATCH LATEX PLUS ULTRAPLAN ECO PLUS ULTRABOND ECO S968 IK ULTRABOND ECO 170







RAPID **INSTALLATION SYSTEM**

MAPECEM PRONTO is a pre-blended rapid drying, controlled shrinkage mortar for cement. After just 24 hours it is ready to receive the wood flooring. Once the sililated wood adhesive has cured, the floor can be sanded and finished with the **ULTRACOAT HT** range in just 1 day.

1 MAPECEM PRONTO 2 ULTRABOND ECO S968 1K 4 ULTRACOAT AQUA PLUS 5 ULTRACOAT PREMIUM BASE6 ULTRACOAT HT 2K



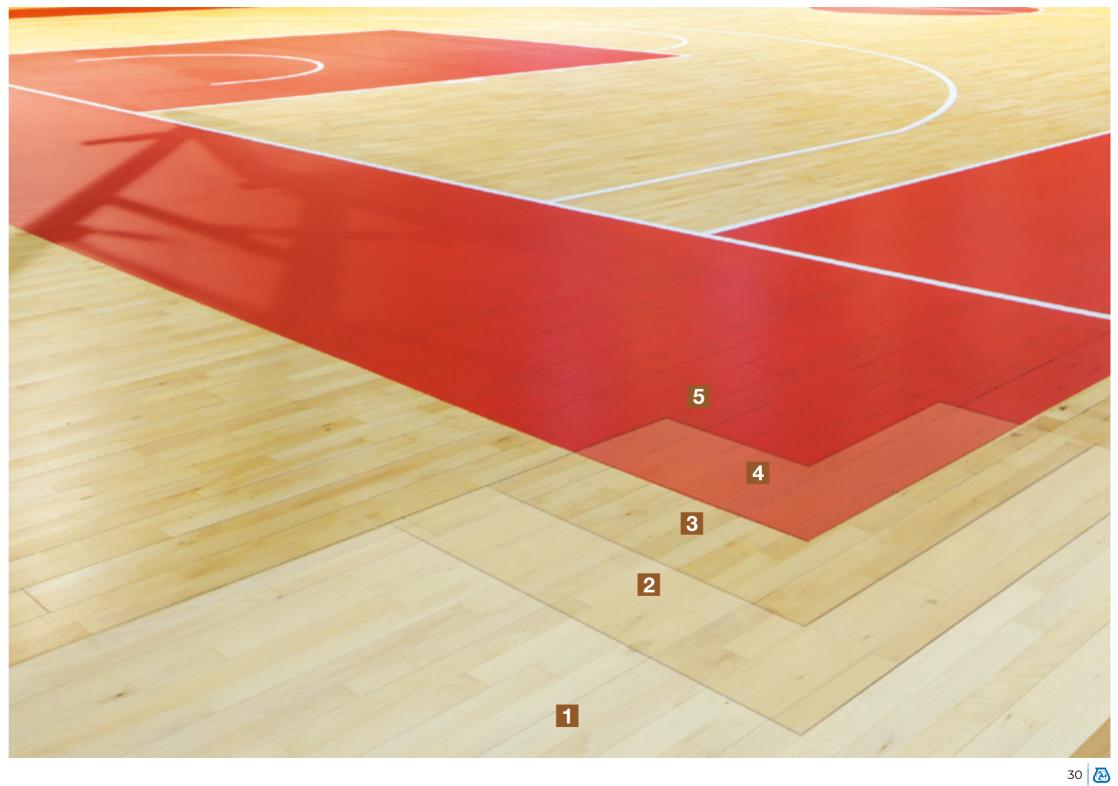
SPORT SYSTEM

Specially developed products that have been FIBA approved for use on wooden sports arenas and courts. The complete system offers a strong durable and safe floor finish to cope with the demands and stresses of modern day sports activities. Water-based finishing system for wooden sports floors. Available in 8 colours.



PRODUCTS:

 EXISTING WOODEN FLOOR
ULTRACOAT PREMIUM BASE 3 ULTRACOAT HT SPORT 4 ULTRACOAT SPORT COLOR 5 ULTRACOAT HT SPORT



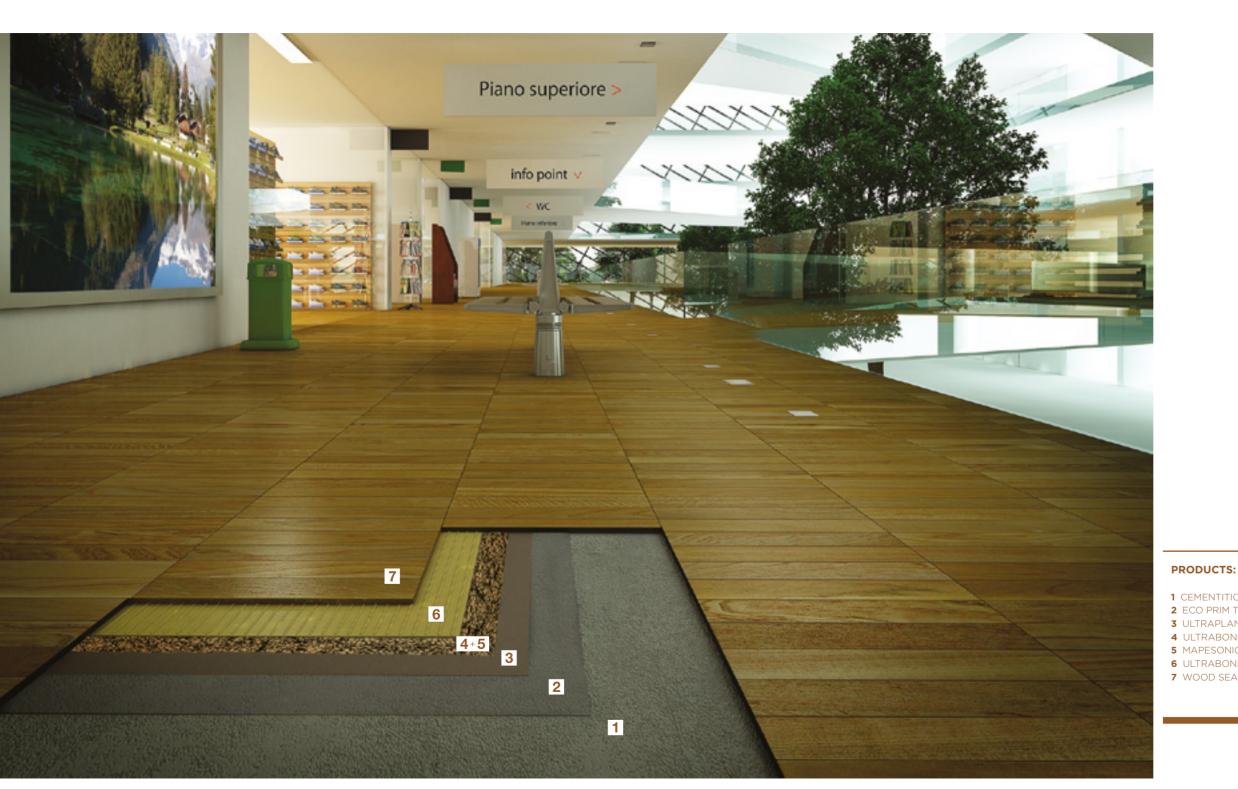


INSTALLATION **OVER DAMP CEMENTITIOUS** BASED **SUBFLOORS**

System for installing wooden flooring over NEW or EXISTING cementitious substrates where RH levels exceed 75 or 65% and where substrates need to reach SRI flatness.

1 CEMENTITIOUS BASE 2 MAPEPROOF ESM 3 ECO PRIM T PLUS 4 LATEXPLAN TRADE 5 ULTRABOND ECO S940 1K 6 WOOD SEALED WITH ULTRACOAT HARD OIL WAX PLUS





SOUNDPROOFING **INSTALLATION SYSTEM**

A complete installation system for laying wood flooring in commercial environments. The system also includes **MAPESONIC CR** a soundproofing membrane to reduce noise from footsteps. All the products are EC1 certified for low VOC.

- 1 CEMENTITIOUS SCREED 2 ECO PRIM T PLUS **3** ULTRAPLAN RENOVATION SCREED 3240 4 ULTRABOND ECO S955 1K
- 5 MAPESONIC CR
- 6 ULTRABOND ECO S955 1K
- 7 WOOD SEALED WITH ULTRACOAT OIL WAX



UNDERSCREED ACOUSTIC INSULATION SYSTEM

An acoustic insulation system for residential environments. The addition of **MAPESILENT** is perfect for reducing noise between apartments.



PRODUCTS:

- 1 CONCRETE SUBSTRATE
- 2 MAPESILENT ROLL
- **3** TOPCEM PRONTO**4** ULTRABOND P990 1K
- 5 WOODEN FLOORING





37



A simple but effective system for the application of wood flooring onto a raised metal floor.

PRODUCTS:

RAISED FLOOR
ULTRABOND ECO S955 1K
WOODEN FLOORING













ECO PRIM GRIP PLUS

Ready-to-use pre-aggregated primer for non absorbent substrates. Provides an exceptional key and high grip surface. Suitable for levelling compounds and above existing tiles and render.

ECO PRIM T PLUS

Multi-purpose levelling compound primer in water dispersion for absorbent and non absorbent substrates.

ECO PRIM PU 1K TURBO

One-component, quick drying, solvent-free, moisture curing polyurethane primer with low VOC for consolidating cementitious screeds.

MAPEPROOF ESM

Two-component, solvent-free, one or two coat pure epoxy resin, used as a moisture barrier on cement based substrates with residual or static moisture. A low viscosity product with a high penetration capacity in the porosity of the substrate.

MAPEPROOF PRIMER

A one-component, ready to use system which dries rapidly to provide a waterproof surface membrane.





















ULTRAPLAN ECO 3210

Ultra-fast hardening, environmentally friendly, water mixed, self-levelling and smoothing compound. For 3-10 mm.

ULTRAPLAN RENOVATION SCREED 3240

Fibre-reinforced self-levelling compound designed for the renovation/refurbishment of existing floor substrates. Between 3-40mm in a single layer.

LATEXPLAN TRADE

Trade levelling and smoothing compound, protein-free with low odour and high compressive strength. For levelling or smoothing differences in thickness of 3-10 mm.

LATEXPLAN TRADE FAST

Two-component rapid setting, fast drying smoothing compound. It is suitable for smoothing new and existing substrates prior to the installation of floor coverings.

LATEXPLAN NO AMMONIA

Two-component, fast-setting, cement based levelling compound. It is suitable for levelling differences in thickness between 3mm to 10mm on new and existing substrates.









ULTRABOND ECO S968 1K

One-component silvlated polymer based adhesive with ZERO PLASTICISER. For installing all types and sizes of engineered and solid wood flooring.

ULTRABOND ECO S958 1K

One-component, solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds.

ULTRABOND ECO S948 1K

One-component, solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds.

ULTRABOND ECO S LITE

One-component, lightweight, silylated polymer-based adhesive with zero solvent content and very low emission of volatile organic compounds.

ULTRABOND ECO S955 1K

One-component, isocyanate and solvent-free, sililated polymerbased adhesive with extremely low emissions of volatile organic compounds, for all types of parquet.

ULTRABOND ECO S940 1K

One-component solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds.

ULTRABOND S997 1K

One-component polymer-based adhesive for installing engineered wooden boards with beads of adhesive, wooden stairs and wooden baseboards.

MAPEFLEX MS45

Silylated polymer based adhesive and sealant. Highly elastic ideal for vertical & horizontal applications.

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www.deser-mag.briz/113

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ULTRABOND P902 2K

Two-component, epoxy-polyurethane adhesive for bonding all types and sizes of wooden flooring.

ULTRABOND P990 1K

Ready to use, solvent-free, one-component, elastic adhesive for the installation of all types and sizes of wood flooring.

ULTRABOND P980 1K

One-component, solvent-free polyurethane adhesive with a very low emission level of volatile organic compounds for bonding all types and sizes of engineered wood flooring.

MAPEFLEX PU 45 FT

Rapid-hardening paintable polyurethane sealant and adhesive with a high modulus of elasticity for movements up to 20%.

ULTRABOND P-R9

One-component, moisture curing, expansive polyurethane adhesive used by injection for fastening and repairing wooden flooring which are not perfectly bonded to the substrate.

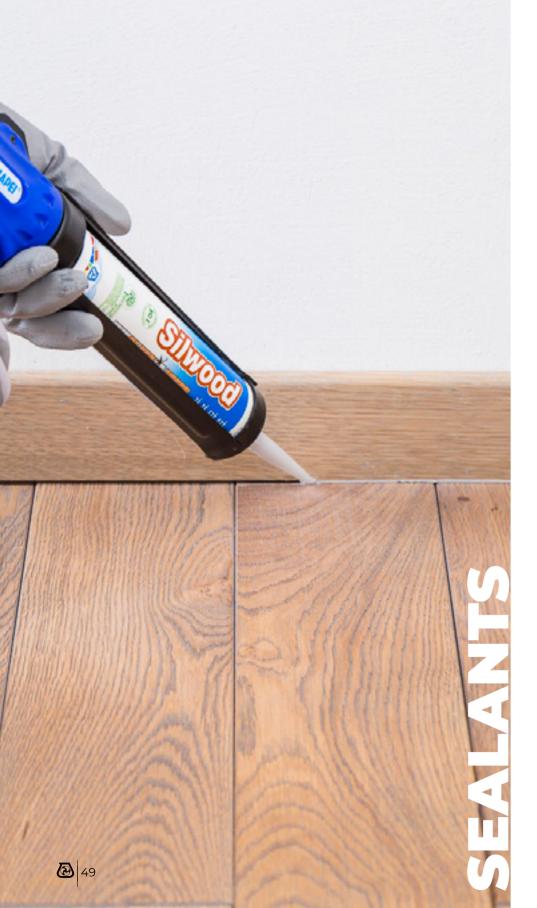
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EC1





SILWOOD Acrylic sealant in water dispersion for wooden floors. PO P P2 P3 P P7 D P P



WHITE			
OAK			
: TEAK			
DOUSSIÉ			
WENGÉ			
5 WALNUT			
FADED BEECH			
BIRCH - MAPLE			
CHERRY			
IROKO			
0 122 GREY			







ULTRACOAT AQUA PLUS (FILLER)

Solvent and NMP-free, odourless, water-based binder, mixed with wood floor filler, for grouting wooden floors.

ULTRACOAT PREMIUM BASE

Two-component, NMP-free, water-based undercoat with low emissions of volatile organic compounds (VOC) and high insulating capacity, for preparing solid and pre-sanded wooden floors including those under repair for water-based finishing cycles.

ULTRACOAT UNIVERSAL BASE

One-component, NMP-free, water-based rapid undercoat, with low emission of volatile organic compounds (VOC) for wooden floors.

ULTRACOAT EASY

One-component water-based acrylic-polyurethane varnish for wooden floors with good resistance to wear and abrasion. Suitable for floors subjected to normal pedestrian use.

ULTRACOAT HT 2K

Two-component, NMP free, 100% polyurethane water-based varnish with high resistance to wear and abrasion with low emission of VOC for wooden floors. Available in ultra matt, matt, satin and gloss finishes.

ULTRACOAT RENEW FL

Two-component adhesion promoter for the application of a new coat of two- component, water-based lacquer without abrading the old finish coat.

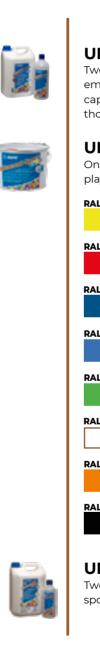


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ULTRACOAT PREMIUM BASE

Two-component, NMP-free, water-based undercoat with low emissions of volatile organic compounds (VOC) and high insulating capacity, for preparing solid and pre-sanded wooden floors including those under repair for water-based finishing cycles.

ULTRACOAT SPORT COLOR

One-component, water-based coloured acrylic paint for marking out playing areas on wooden sports surfaces.

L 1016 YELLOW	
11 3020 RED	
AL 5005 DARK BLUE	
L 5012 LIGHT BLUE	
L 6018 GREEN	
L 9016 WHITE	
L 2008 ORANGE	
L 9005 BLACK	

ULTRACOAT HT SPORT

Two-component, water-based polyurethane lacquer for wooden sports floors.







ULTRACOAT CLEANER

Hygienising detergent for wooden floors. Used neat it removes the most stubborn dirt. When diluted with water, it is the ideal detergent for daily cleaning operations in rooms where maximum hygiene is required.

ULTRACOAT POLISH H-T

Protective wear and stain-resistant polish for wooden floors. Ready-to-use product for all types of varnished wooden floor. Provides effective protection against the penetration of stains and reduces absorption of oil, grease, coffee, wine and paint.

ULTRACOAT OIL CARE PLUS

Natural drying resin oil in water dispersion for finishing wooden floors treated with oil.

ULTRACOAT POLISH A-S

Natural anti-slip protection for wooden floors. Ready-to-use natural wax made from Carnauba extract and water developed specifically for the maintenance of wooden floors using natural products.

ULTRACOAT REMOVER PLUS

Detergent to remove old wax and stubborn dirt; brings out the natural veining of wood.

ULTRACOAT SPRAY MOP

Dedicated mop with in-built tank for the application of ULTRACOAT CLEANER and ULTRACOAT POLISHES.

MAPEI WORLD LONDON CITY

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