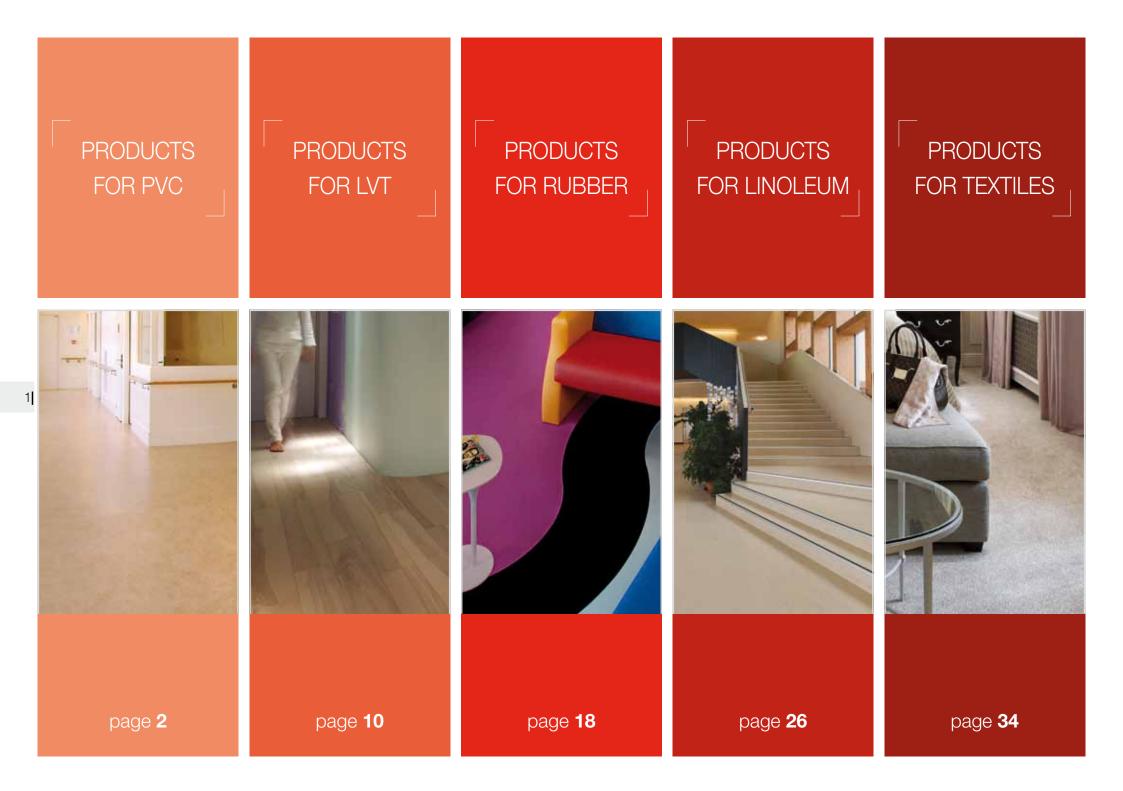




Adhesives for installing resilient and textile floor coverings

FOR MORE THAN 30 YEARS, CERTIFIED SOLUTIONS FOR ECO-SUSTAINABLE PROJECTS WORLDWIDE

Published by Mapei SpA Marketing Office Illustration by Carlo Stanga





PRODUCTS

FOR PVC





EC1 Plus system for installing sheets of acoustic PVC cushion flooring







MAPEI ADHESIVES RECOMMENDED FOR PVC

ULTRABOND ECO VS90 PLUS

Universal high temperature adhesive in water dispersion for resilient floor coverings.

Mapei adhesives recommended for PVC: ULTRABOND ECO V4 SP High-performance, multi-purpose adhesive.

ULTRABOND ECO V4 SP FIBER Universal, high-performance adhesive with fibres.

ULTRABOND ECO FAST TRACK Fast and immediate initial grip, very fast set development. For quick renovation of resilient floor coverings.

ULTRABOND ECO V4 SP CONDUCTIVE For conductive and static dissipative PVC floor coverings.

ULTRABOND ECO CONTACT

Water-based contact adhesive, immediate grab.

ULTRABOND ECO 350 Specific for PVC, high-performance adhesive, with extended open time.

MAPECRYL ECO Rapid hold, rapid initial tack.

ULTRABOND AQUA-CONTACT CORK

Water-based contact adhesive, immediate bond, specific for cork floor and wall coverings.

ULTRABOND ECO FIX

Tackifier for loose-lay PVC floor coverings.

ULTRABOND ECO 380

Strong initial tack, leg effect and extended open time. Recommended for installing linoleum with synthetic jute backing.

ULTRABOND ECO 375

Specific for PVC with strong initial tack, leg effect and extended open time. Also recommended for installing PVC wall coverings.

ULTRABOND 333

Rapid initial tack, extended open time. Recommended for installing PVC over large surfaces.

ROLLCOLL

Applied by roller, including on walls. ADESILEX V4

Good dimensional stability, rapid initial tack.

ULTRABOND ECO 571 2K

Two-component, amine-free polyurethane adhesive, recommended for those who show symptoms of sensitisation. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning.

ADESILEX G19

Two-component, epoxy-polyurethane adhesive. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G19 RAPID

Two-component, rapid epoxy-polyurethane adhesive.

ADESILEX G19 CONDUCTIVE

Two-component, epoxy-polyurethane adhesive. For conductive and static dissipative PVC floor coverings. Recommended for installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G20

Two-component epoxy-polyurethane adhesive with low viscosity. Particularly recommended for installing isolating layers such as MAPELAY.



| Type of floor covering | Standards | Adhesives in water dispersion | | | | | | | | | | | | | | | Reactive adhesives** | | | | |
|---|--------------------------------------|-------------------------------|---------------------------|-------------------------|--------------------------|--------------------------------|-----------------------|-----------------|--------------|-----------------------------|-------------------|-------------------|-------------------|---------------|----------|-------------|-------------------------|--------------|--------------------|-------------------------|--------------|
| | | EC1 Plus | | | | | | | EC1 | | | | | | -free | | EC1 Plus Solvent-fr | | | -free | , |
| | | ULTRABOND EC0 V4 SP | ULTRABOND ECO V4 SP FIBER | ULTRABOND EC0 VS90 PLUS | ULTRABOND ECO FAST TRACK | ULTRABOND ECO V4 SP CONDUCTIVE | ULTRABOND ECO CONTACT | ULTRABOND Ù 350 | MAPECRYL ECO | ULTRABOND AQUA-CONTACT CORK | ULTRABOND ECO FIX | ULTRABOND EC0 380 | ULTRABOND EC0 375 | ULTRABOND 333 | ROLLCOLL | ADESILEX V4 | ULTRABOND ECO 571 2K | ADESILEX G19 | ADESILEX G19 RAPID | ADESILEX G19 CONDUCTIVE | ADESILEX G20 |
| Homogeneous PVC | EN 649 | • | • | • | • | | | •* | ●* | | | •* | •* | •* | •* | • | • | • | • | | • |
| Heterogeneous PVC | EN 649 | • | • | • | • | | | • | • | | | • | • | • | • | • | • | • | • | | • |
| Multi-layered PVC | EN 651 | | | | | | | | | | | | | | | | | | | | |
| PVC cushion floor | EN 653 | • | • | • | • | | | • | • | | | • | • | • | • | • | • | • | • | | • |
| PVC cushion floor with textile backing | EN 650 | | | | | | | | | | | | | | | | | | | | |
| PVC on cork | EN 652, EN 655 | | | | | | • | | | • | | | | | | | | | | | |
| Semi-flexible PVC | EN 654 | • | • | • | • | | | • | • | | | • | • | • | • | • | • | • | • | | • |
| Conductive and static dissipative PVC | EN 649 | | | | | • | | | | | | | | | | | | | | • | |
| Coves, profiles and steps | | | | | • | | • | | | | | | | | | | | | | | |
| Loose-lay PVC tiles | EN 651, EN 649, EN 653, EN 652 | | | | | | | | | | • | | | | | | | | | | |

* welded sheets only

** for non-absorbent substrates in damp areas and areas that need frequent cleaning; for floors subjected to heavy load and intense traffic







PALAZZO LOMBARDIA - MILAN - ITALY

The tower and the entire architectonic complex of the new headquarters of the Lombardy Regional Government are part of a redevelopment project in the Garibaldi-Repubblica area of Milan. Mapei has always had a strong bond with its home city and played an active part in recommending the most suitable, cutting-edge products to skim and level off surfaces and to install carpet and loose-lay vinyl textile tiles on the floors and stairs.

Products used: NIVORAPID, MAPECONTACT, ULTRABOND ECO FIX.

Products which are safe for the environment and end users alike for eco-sustainable solutions.



Project certified according to:







HOSPITAL - BRESCIA - ITALY

Around 70,000 m² of PVC were installed using the most highly advanced Mapei products in various departments and wards of the Brescia Civil Hospital: from the operating theatres to the analysis labs, from service areas to patient recovery wards and from the doctors' surgeries to areas in the intensive care unit.

Products used:

EPORIP, ULTRAPLAN, PLANIPATCH, LATEX PLUS, ULTRABOND ECO V4 SP, ULTRABOND ECO V4 SP CONDUCTIVE.

Poducts certified by the most highly accredited international bodies, testament to Mapei's research work into eco-sustainable solutions to safeguard the environment and the health of those who use them.









CA' GRANDA NIGUARDA HOSPITAL - MILAN - ITALY

For the new buildings that make up the South Block of the Ca' Granda Niguarda Hospital, Mapei supplied the most appropriate solutions to apply the substrate screeds and to install the linoleum floor coverings.

Products used:

ADESILEX PG1, EPOJET, EPORIP, GRANIRAPID, KERAQUICK, KERAFLEX MAXI S1, MAPEFILL, MAPEGRID G 220, MAPEGROUT HI-FLOW, MAPEGROUT T40, MAPEFER 1K, MAPESIL AC, MAPELASTIC, PLANITOP HDM, PLANITOP HDM MAXI, PRIMER G, TOPCEM, TOPCEM PRONTO, ULTRAPLAN ECO, ULTRAPLAN ECO 380, ULTRABOND ECO V4 SP, ADESILEX MT32.

Products certified by accredited international bodies, developed in Mapei's R&D laboratories, safe for the environment and the end user alike.







GEELONG HOSPITAL - VICTORIA - AUSTRALIA

Geelong is the home of one of the most important hospitals in the State of Victoria and is administered by Barwon Health, the Australian National Health Service. In 2008 work was commissioned to extend the A&E department of the hospital. Mapei Australia was asked to supply products and their technical support to help in the entire, rapid installation of around 1600 m² of vinyl floor coverings.

Products used:

ECO PRIM T, MAPEGUM WPS, MAPELASTIC SMART, MAPEPRIM SP, NIVORAPID, PRIMER G, TRIBLOCK P, ULTRABOND ECO 350, ULTRAPLAN.

Products with a low content of volatile organic compounds, testament to Mapei's research into eco-sustainable solutions.



Project certified according to:



green building council australia

PRODUCTS

FOR LVT





Rapid system for installing LVT floor coverings





MAPEI ADHESIVES RECOMMENDED FOR LVT

ULTRABOND ECO 4 LVT

Specific for LVT, fibre-reinforced, characterised by its rapid bond and excellent dimensional stability. Good wetting of the back of LVT planks up to 30 minutes after spreading the adhesive.

Other Mapei adhesives recommended for LVT:

ULTRABOND ECO V4 SP Universal, high-performance adhesive.

ULTRABOND ECO V4 SP FIBER

Fibre-reinforced, high-performance.

ULTRABOND ECO VS90 PLUS

Universal, rapid bond adhesive, with a rigid, tough film. It confers the floor coverings a very good dimensional stability.

ULTRABOND ECO FAST TRACK

Fast and immediate initial grip, very fast set development. For quick renovation of resilient floor coverings.

ULTRABOND ECO TACK LVT

13

Tackifier, specific for loose-lay LVT planks and tiles, high dimensional stability.

ULTRABOND ECO 310

Rapid bond with a rigid, tough film. Specific for multilayered cork floor coverings with PVC backing.

ADESILEX V4

Good dimensional stability, rapid initial tack.

ULTRABOND ECO 571 2K

Two-component, amine-free polyurethane adhesive, recommended for those who show symptoms of sensitisation. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning.

ADESILEX G19

Two-component, epoxy-polyurethane adhesive. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G19 RAPID

Two-component, rapid epoxy-polyurethane adhesive.

ADESILEX G20

Two-component, epoxy-polyurethane adhesive with low viscosity. Particularly recommended for installing isolating layers such as MAPELAY.

| Type of floor covering | Standards | | | Wa | ter- | base | ed adhe | esives | | Read | ctive ad | lhesive | S** |
|-------------------------------------|-----------|---------------------|--------------------------|---------------------|-------------------------|--------------------------|------------------------|-------------------|--------------|----------------------|--------------|--------------------|--------------|
| | | EC1 Plus | | | EC1 | Solvent | -free | EC1 Plus | Solvent-free | | | | |
| | | ULTRABOND ECO V4 SP | ULTRABOND ECO V4SP FIBER | ULTRABOND ECO 4 LVT | ULTRABOND ECO VS90 PLUS | ULTRABOND ECO FAST TRACK | ULTRABOND ECO TACK LVT | ULTRABOND ECO 310 | ADESILEX V4 | ULTRABOND ECO 571 2K | ADESILEX G19 | ADESILEX G19 RAPID | ADESILEX G20 |
| LVT (Luxury Vinyl Tiles) | EN 649 | • | • | • | • | • | | | • | • | • | • | • |
| Multi-layered cork with PVC backing | EN 651 | | | | | • | | • | | • | • | • | • |
| Loose-lay LVT | EN 649 | | | | | | • | | | | | | |









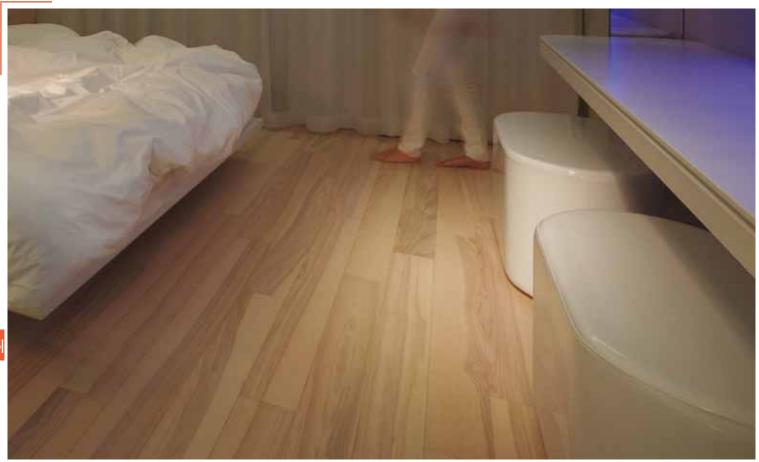
BE-FIT GYMNASIUM - LODI - ITALY

400 m² of wood-effect LVT planks were installed using the new adhesive ULTRABOND ECO 4 LVT, specifically formulated by the Mapei laboratories for the installation of LVT floor coverings to guarantee maximum performance in terms of adhesion and dimensional stability.

Products used: ULTRABOND ECO 4 LVT, ULTRAPLAN, ECO PRIM T.

Products certified by the most highly accredited international bodies, developed in Mapei's laboratories to safeguard the environment and the health of those who use them.









B4 BOSCOLO HOTEL - MILAN - ITALY

The B4 Hotel, part of the Boscolo chain, is located in Milan in Via Stephenson, near to the Rho-Fiera and Fiera Milano City exhibition hub, the future site of Expo 2015. The architectural design work carried the signature of the architect Giancarlo Marzorati while the interiors were designed by the architect Simone Micheli.

In 2009 the project won the "Golden Brick Real Estate Award" for the best tourism and hotel project. Mapei was involved in the construction of this important building and assisted the designers and contractors during the execution of the architectonic structure.

Products used:

MAPELASTIC FOUNDATION, MAPEGROUT T60, MAPEPROOF, MAPEPROOF CD, MAPEGROUT 430, NIVORAPID, PLANIPATCH, PRIMER G, ULTRAPLAN ECO, ADESILEX VZ, ULTRABOND ECO V4 SP, ADESILEX MT32, ROLLCOLL, ULTRABOND ECO FIX, ULTRABOND ECO 310.

The products are the result of Mapei's research into the development of eco-sustainable solutions.







THE SPACE CINEMA - GENOA - ITALY

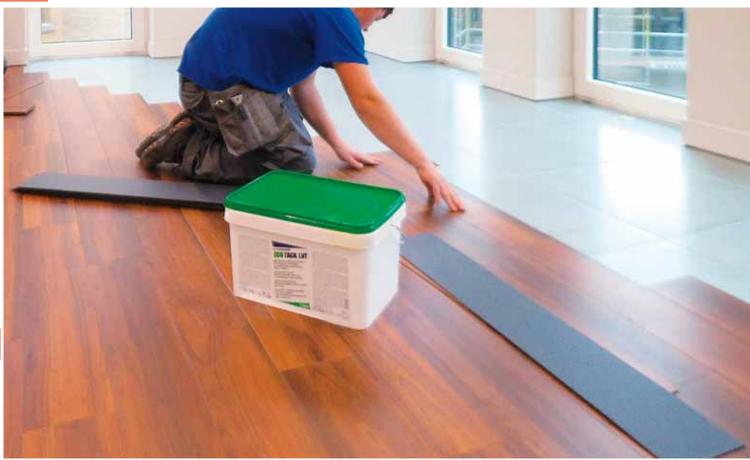
A multi-screen cinema run by The Space Cinema Genoa was recently opened in the old dock area of the city.

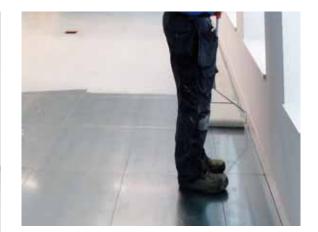
The idea of the project was to enhance the exclusive location of the cinema in the renowned "Cotton Warehouses" designed by Renzo Piano. In fact, the idea was to recover some of the empty industrial spaces and breathe new life into this large entertainments centre. Wood and stone effect PVC floor coverings were installed in the theatres and corridors using Mapei products.

Products used: ADESILEX V4, NIVORAPID, PLANIPATCH, PRIMER G, ULTRAPLAN ECO.

Products certified by the most accredited international bodies, for eco-sustainable solutions that are safe for the environment, workmen and the end user alike.









HOUSE OF REPRESENTATIVES - BRUSSELS - BELGIUM

LVT planks were installed on raised floors with metal panels using an adhesive specifically created in the Mapei research laboratories for this type of application: ULTRABOND ECO TACK LVT. This product reduces the tendency of the planks to expand and shrink around their ends and joints. Products used: ULTRABOND ECO TACK LVT.

Product with low emission level of volatile organic compounds, testament to Mapei's research into eco-sustainable solutions.



COMMUNAL CULTURAL CENTRE - LOVERE COMMUNAL LIBRARY - BERGAMO - ITALY

25

E

2

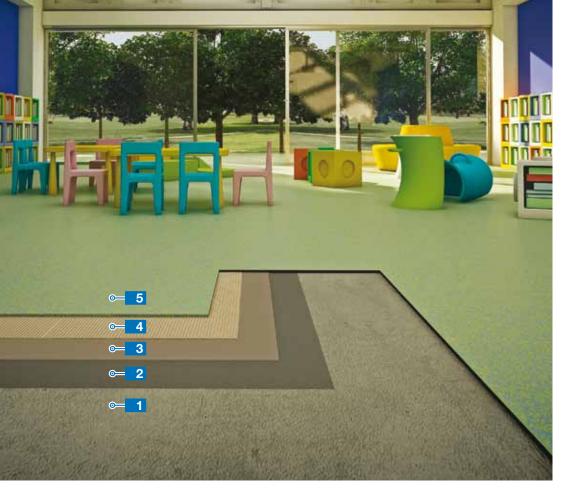
ACCENTER OF

A A BATTAN

PRODUCTS

FOR RUBBER





EC1 Plus system for installing rubber floor coverings on concrete substrates with a high residual moisture content





MAPEI ADHESIVES RECOMMENDED FOR RUBBER

ULTRABOND ECO V4 SP FIBER

Specific for rubber, fibre-reinforced, improved performance.

Other Mapei adhesives recommended for rubber: ULTRABOND ECO V4 SP Universal, high-performance adhesive.

ULTRABOND ECO V4 SP CONDUCTIVE

For conductive and static dissipative rubber floor coverings.

ULTRABOND ECO CONTACT

Water-based contact adhesive, immediate bond.

ULTRABOND ECO VS90 PLUS

Universal, rapid bond adhesive, with a rigid, tough film. It confers the floor coverings a very good dimensional stability.

ULTRABOND ECO FAST TRACK

Fast and immediate initial grip, very fast set development. For quick renovation of resilient floor coverings.

ULTRABOND ECO FIX

Tackifier for loose-lay floor coverings.

ULTRABOND ECO 571 2K

Two-component, amine-free polyurethane adhesive, recommended for those who show symptoms of sensitisation. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning.

ADESILEX G19

Two-component, epoxy-polyurethane adhesive. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G19 RAPID

Two-component, rapid epoxy-polyurethane adhesive.

ADESILEX G19 CONDUCTIVE

Two-component, epoxy-polyurethane adhesive. For conductive and static dissipative PVC floor coverings. Recommended for installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G20

Two-component epoxy-polyurethane adhesive with low viscosity. Particularly recommended for installing isolating layers such as MAPELAY.

| Type of floor covering | Standards | | Wat | er-ba | ased | adhe | esive | S | F | leactive | e adhes | ives** | | | | | | |
|--|--|---------------------|---------------------------|-------------------------|--------------------------------|-----------------------|--------------------------|-------------------|----------------------|--------------|--------------------|-------------------------|--------------|--|--|--|--|--|
| | | EC1 | Plus | | | | | EC1 | EC1 Plus | Solvent | -free | OCTIVE | | | | | | |
| | | ULTRABOND ECO V4 SP | ULTRABOND ECO V4 SP FIBER | ULTRABOND ECO VS90 PLUS | ULTRABOND ECO V4 SP CONDUCTIVE | ULTRABOND ECO CONTACT | ULTRABOND ECO FAST TRACK | ULTRABOND ECO FIX | ULTRABOND ECO 571 2K | ADESILEX G19 | ADESILEX G19 RAPID | Adesilex 619 conductive | ADESILEX G20 | | | | | |
| Smooth rubber | EN 1816 EN 1817 EN 14521 | • | • | • | | | • | | • | • | • | | • | | | | | |
| Textured rubber | EN 12199 | • | • | • | | | • | | • | • | • | | • | | | | | |
| Static dissipative and conductive rubber | EN 1816 EN 1817 EN 14521 EN 12199 | | | | • | | | | | | | • | | | | | | |
| Loose-lay rubber | EN 1816 EN 1817 EN 14521 EN 12199 | | | | | | | • | | | | | | | | | | |
| Coves, profiles and steps | | | | | | • | • | | | | | | | | | | | |









INFANT SCHOOL - CARROBBIO DEGLI ANGELI (BERGAMO) - ITALY

To create the inside of the rooms in this modern infant school, Mapei supplied various solutions to level off the substrates and install rubber floor coverings.

Products used: NIVORAPID, ECO PRIM T, ULTRABOND ECO V4 SP.

Products certified by the most accredited international bodies, for eco-sustainable solutions.









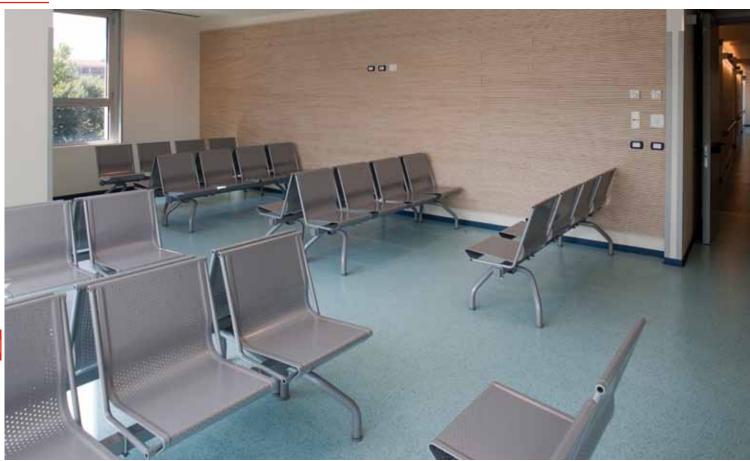
STADIO DI FORTALEZA - BRASILE

The "Estadio Governador Placido Castelo", also known as the Castelão or the Gigante de Boa Vista, was one of the stadiums used for the 2014 World Cup Finals and was completely renovated for the tournament. In an area extending over 16,000 m², Mapei product systems were used in the newly designed areas for repair work, to level off surfaces and then bond the new rubber flooring.

Products used: ULTRAPLAN ECO, ECO PRIM T, ULTRABOND V4 SP FIBER, MAPECONTACT.

Products with low emission level of volatile organic compounds, developed in Mapei's R&D laboratories.









SAN LUCA HOSPITAL - MILAN - ITALY

The San Luca Italian Institute for Auxology was recently extended with the construction of a new building opposite the existing one. One of the requirements of the client was the use of only ecosustainable repair and installation products, especially for the rubber floor coverings. This is why Mapei technicians chose a series of products that, apart from guaranteeing excellent final performance characteristics, had a low impact on the environment.

Products used:

EPORIP, NIVORAPID, PLANIPATCH, PRIMER G, ULTRAPLAN ECO, ULTRABOND ECO V4 SP, ULTRABOND ECO VS90 PLUS.

Products certified by the most highly accredited international bodies, testament to Mapei's research work into eco-sustainable solutions.









SERENA FOUNDATION NEMO MEDICAL CENTRE - MILAN - ITALY

On the 23rd of May 2012, inside the Niguarda Ca' Granda Hospital in Milan, the new 1,000 m² area within the Serena Onlus Foundation NeMo Medical Centre was inaugurated. Renovation work on the new area in the NeMo Centre included the installation of more than 1,000 m² of rubber floor coverings and another 1,000 m² for the walls. Mapei supplied products specifically made for installing rubber floor and wall coverings for this site.

Products used: EPORIP, PRIMER G, NIVORAPID, PLANIPATCH, LIVIGUM, ULTRABOND ECO V4 SP FIBER.

Products developed in the Mapei R&D laboratories to safeguard the environment and the health of those who use them.





PRODUCTS FOR LINOLEUM





EC1 Plus system for installing linoleum floor coverings





MAPEI ADHESIVES RECOMMENDED FOR LINOLEUM

ULTRABOND ECO 530

Specific for linoleum with a rapid, strong initial bond.

Other Mapei adhesives recommended for linoleum: ULTRABOND ECO 550

Specific for linoleum, rapid adhesive, forms a rigid, tough film. It confers the floor coverings good dimensional stability.

ULTRABOND ECO V4 SP FIBER Universal, high-performance with fibres.

ULTRABOND ECO V4 SP Universal, high-performance adhesive.

ULTRABOND ECO VS90 PLUS Rapid adhesive, forms a rigid, tough film. Good dimensional stability.

ULTRABOND ECO 520 Strong initial bond, leg effect and extended open time.

ULTRABOND ECO 140 Good trowelability, good initial tack, forms a rigid, tough film. For installing linoleum in residential environments.

ULTRABOND ECO CONTACT Water-based contact adhesive, immediate bond. Recommended for coves and steps.

ULTRABOND ECO FAST TRACK Fast and immediate initial grip, very fast set development. For quick renovation of resilient floor coverings.

ULTRABOND ECO V4 SP CONDUCTIVE For conductive and static dissipative PVC floor coverings.

ULTRABOND ECO 540

Specific for linoleum, high performance.

AQUACOL T

Rapid bond, tough adhesive film, good dimensional stability.

ULTRABOND ECO 380

Strong initial tack, leg effect and extended open time. Recommended for installing linoleum with synthetic jute backing.

ULTRABOND ECO 375

Strong initial tack, leg effect and extended open time. Recommended for installing linoleum with synthetic jute backing.

ADESILEX V4

Good dimensional stability, rapid initial tack. Recommended for installing linoleum with synthetic jute backing.

ULTRABOND ECO 571 2K

Two-component, amine-free polyurethane adhesive, recommended for those who show symptoms of sensitisation. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning.

ADESILEX G19

Two-component, epoxy-polyurethane adhesive. For installing on all types of substrate, including in damp areas or areas that need frequent cleaning; suitable for floors subjected to intense traffic and heavy loads.

ADESILEX G19 RAPID

Two-component, rapid epoxy-polyurethane adhesive.

ADESILEX G20

Two-component epoxy-polyurethane adhesive with low viscosity.



| Type of floor covering | Standards | | Water-based adhesives | | | | | | | | | | | | | | Reactive adhesives** | | | | |
|--|-----------|-------------------|-----------------------|---------------------------|-------------------------|-------------------|-------------------|-------------------|-----------------------|--------------------------|--------------------------------|-------------------|-----------|-------------------|-------------------|-------------|-------------------------|--------------|--------------------|--------------|--|
| | | EC1 Plus | | | | | | | | | | EC1 Solve | | | | | EC1 Plus | Solvent-free | | free | |
| | | ULTRABOND EC0 550 | ULTRABOND EC0 V4 SP | ULTRABOND ECO V4 SP FIBER | ULTRABOND ECO VS90 PLUS | ULTRABOND EC0 530 | ULTRABOND EC0 520 | ULTRABOND EC0 140 | ULTRABOND ECO CONTACT | ULTRABOND ECO FAST TRACK | ULTRABOND ECO V4 SP CONDUCTIVE | ULTRABOND EC0 540 | AQUACOL T | ULTRABOND EC0 380 | ULTRABOND EC0 375 | ADESILEX V4 | ULTRABOND ECO 571 2K | ADESILEX G19 | ADESILEX G19 RAPID | ADESILEX G20 | |
| Linoleum on natural jute | EN 548 | • | • | • | • | • | • | •* | | • | | • | • | | | | • | • | • | • | |
| Linoleum on synthetic jute | EN 548 | • | • | • | • | • | • | | | • | | • | | • | • | • | • | • | • | • | |
| Linoleum on polyolefin and polyurethane | EN 686 | • | • | • | • | • | • | | | • | | • | | | | | • | • | • | • | |
| Linoleum on cork | EN 687 | • | • | • | • | • | • | | | • | | • | • | | | | | | | | |
| Dissipative static linoleum | EN 548 | | | | | | | | | | • | | | | | | | | | | |
| Coves, profiles and steps | | | | | | | | | • | • | | | | | | | | | | | |

* for use in residential environments only

** for non-absorbent substrates in damp areas and areas that need frequent cleaning; for floors subjected to heavy load and intense traffic







PIRELLI TOWER - MILAN - ITALY

The Pirelli Tower underwent major internal and external restructuring work.

Mapei was contacted to take an active part in repair work carried out on the Tower, during which numerous square metres of linoleum and rubber floor coverings were installed. Products used:

ADESILEX P4, ADESILEX P10, ADESILEX PG1, CARBOPLATE, EPOJET, EPOJET LV, EPORIP TURBO, GRANIRAPID, ISOLASTIC, KERAQUICK, KERAFLEX, LATEX PLUS, MAPEFER, MAPEWRAP PRIMER 1, NIVOPLAN, PLANICRETE, PLANITOP 400, STABILCEM SCC, ULTRACOLOR, ADESILEX MT32, LATEX PLUS, NIVORAPID, PRIMER G, PRIMER MF, TOPCEM PRONTO, ULTRABOND ECO 540, ULTRABOND ECO V4 SP, ULTRAPLAN.

Products certified by the most accredited international bodies, for eco-sustainable solutions that are safe for the environment, workmen and the end user alike.







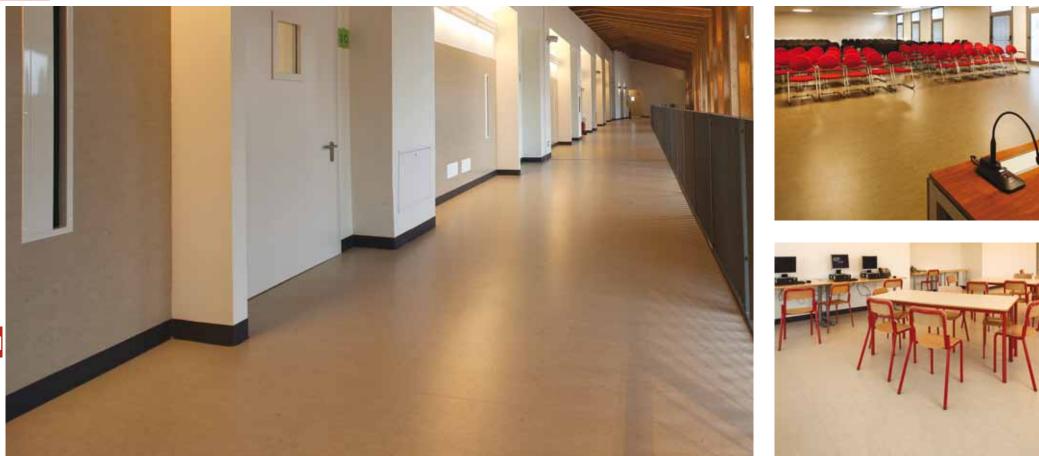


LYRECO COMPANY CRÈCHE - MARLY - FRANCE

Lyreco is very sensitive when it comes to sustainable development and protecting the environment and chose a company specialised in ecological company crèches. The result is "Lyreco Kids", an ecosustainable construction in credit with its carbon footprint, created using prestigious natural materials containing no phthalates or formaldehyde. In accordance with the guidelines for this project, only installation products which respect the environment and people's health were employed, which is why Mapei products were chosen. Products used: EPORIP, MAPESOL 3, PRIMER G, ULTRABOND ECO 540.

Products with a low content of volatile organic compounds, testament to Mapei's research into eco-sustainable solutions.





L'AURORA-BACHELET MIDDLE SCHOOL - CERNUSCO (MILAN) - ITALY

Mapei took part in the construction of the new "class A" school by supplying material for the installation of 300 m² of linoleum.

Products used: EPORIP, PRIMER G, ULTRAPLAN ECO, ULTRABOND ECO 520.

The products are the result of Mapei's research into the development of eco-sustainable solutions.









UNIVERSITY OF HEINDHOVEN - THE NETHERLANDS

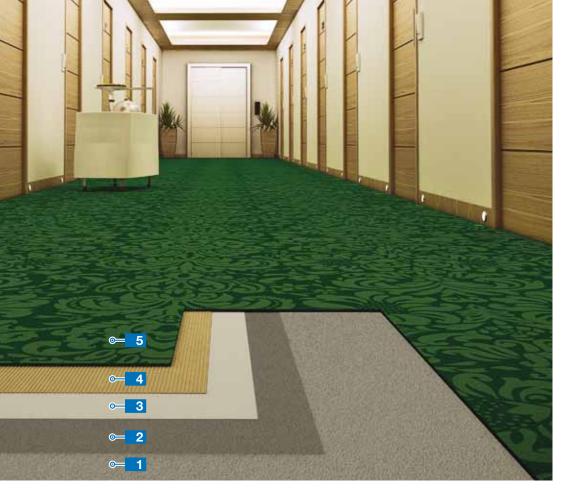
During renovation work on the rooms inside the university, Mapei products were used to repair and level off the flooring substrates and to install linoleum floor coverings. Products used: PRIMER G, NIVORAPID, ULTRAPLAN ECO, AQUACOL T.

Products with low emission level of volatile organic compounds, testament to Mapei's research into eco-sustainable solutions.



PRODUCTS FOR TEXTILES





System for installing textile and needle-punch floor coverings on anhydrite screeds





MAPEI ADHESIVES RECOMMENDED FOR TEXTILES

ULTRABOND ECO 170 Specific for textile floor coverings, rapid with a strong initial bond.

Other Mapei adhesives recommended for textiles: ULTRABOND ECO V4 SP Universal, high-performance adhesive.

ULTRABOND ECO V4 SP FIBER Universal, high-performance with fibres.

ULTRABOND ECO VS90 PLUS Universal, rapid bond adhesive, with a rigid, tough film.

ULTRABOND ECO 140 Good trowelability, good initial tack, forms a rigid, tough film.

ULTRABOND ECO 140 T Specific for textile floor coverings, good initial tack, forms a rigid, tough film.

ULTRABOND ECO CONTACT Water-based contact adhesive, immediate bond. Recommended for coves and steps.

37

ULTRABOND ECO FAST TRACK Fast and immediate initial grip, very fast set development. For quick renovation of resilient floor coverings.

ULTRABOND ECO V4 SP CONDUCTIVE For conductive and static dissipative PVC floor coverings.

ULTRABOND ECO 185 Specific for textile floor coverings, high-performance with strong initial bond.

MAPECRYL ECO Rapid bond, rapid initial tack.

AQUACOL T Rapid adhesive, forms a rigid, tough film. Good dimensional stability.

ULTRABOND ECO FIX Strong tackifier, for all types of loose-lay floor coverings.

ULTRABOND ECO TACK Tackifier. Specific for loose-lay textile tiles. Ready-touse, applied by roller.

ROLLCOLL Applied by roller, rapid initial tack.

ULTRABOND 333 Rapid initial tack, extended open time.

| Type of floor covering | Standards | Water-based adhesives | | | | | | | | | | | | | | | |
|--------------------------------|--|-----------------------|-------------------------|---------------------------|-------------------|-------------------|---------------------|-----------------------|--------------------------|--------------------------------|-------------------|--------------|--------------|--------------------|-------------------|----------|---------------|
| | | EC1 Plus | | | | | | EC1 | | | | Solvent-free | | | | | |
| | | ULTRABOND EC0 V4 SP | ULTRABOND ECO VS90 PLUS | ULTRABOND ECO V4 SP FIBER | ULTRABOND EC0 170 | ULTRABOND EC0 140 | ULTRABOND EC0 140 T | ULTRABOND ECO CONTACT | ULTRABOND ECO FAST TRACK | ULTRABOND ECO V4 SP CONDUCTIVE | ULTRABOND EC0 185 | AQUACOL T | MAPECRYL ECO | ULTRABOND EC0 TACK | ULTRABOND ECO FIX | ROLLCOLL | ULTRABOND 333 |
| Textiles | EN 1307 EN 15114 | • | • | • | • | • | • | • | • | | • | • | • | | | • | • |
| Needle punch | EN 13297 EN 1470 | • | • | • | • | • | • | • | • | | • | • | • | | | | |
| Loose-lay tiles | EN 1307 EN 15114 EN 13297 EN 1470 | | | | | | | | | | | | | • | • | | |
| Dissipative static textiles | | | | | | | | | | • | | | | | | | |









HENRY B. GONZALES CONVENTION CENTRE - SAN ANTONIO - TEXAS - USA

At first glance you remain speechless. Even though it looks like a giant painting on the floor, it is really a masterpiece of floor installation, created inside the Henry B. Gonzales Convention Centre in San Antonio, Texas. The image is impressed on the carpet and is part of a new floor covering extending over a total surface area of 32,000 m². Mapei contributed to the execution of this project by supplying the most appropriate technical solutions.

Products used:

ULTRABOND ECO 220, ULTRAPLAN M20, PLANIPATCH, ULTRABOND ECO 575, ULTRABOND ECO 710.

Products certified by the most accredited international bodies, the result of Mapei research work, safe for the environment and end user alike.





HAWTHORN ARTS CENTRE - MELBOURNE - AUSTRALIA

The Hawthorn Arts Centre opened its doors in the distant 1888 and right from the very start was an important art and cultural centre. Mapei took part in the renovation project by supplying the most appropriate solutions.

Products used: ULTRAPLAN, NIVORAPID, ROLLCOLL, ULTRABOND ECO TACK.

Products certified by the most highly accredited international body and developed in Mapei's research laboratories.









JERG

NEW SAP ITALIA HEADQUARTERS - VIMERCATE - ITALY

The new Energy Park technology hub, built according to architectonic principles and cutting-edge high technology in terms of both environmental sustainability and the rationalisation of energy consumption, is located in a strategic point with respect to the grand communications networks in the North-East. To respect the parameters of LEED Gold certification, Mapei Technical Services Department recommended the use of ULTRABOND ECO FIX to install the loose-lay textile flooring tiles, a solvent-free, acrylic resin-based adhesive in water dispersion; with low emission level of volatile organic compounds.

Product used: ULTRABOND ECO FIX.

A product with low emission level of volatile organic compounds, testament to Mapei research into eco-sustainable solutions to help earn LEED award points.

Project certified according to:









TRUMP INTERNATIONAL HOTEL & TOWER - TORONTO - CANADA

Located on the north-western banks of Lake Ontario, Toronto is the financial centre of Canada with picturesque historical districts, large parks, museums, art galleries, theatres, restaurants and bars. The Trump International Hotel and Tower, a newly-constructed skyscraper for both hotel and residential use, is located within this setting and Mapei took part in this project by supplying the most suitable solutions to overcome various on-site problems. Products used: PRIMER MF, ULTRABOND ECO FIX, ULTRABOND P990 1K.

Products certified by accredited international bodies, developed in Mapei's R&D laboratories, for eco-sustainable solutions.



MAPEI: FOR MORE THAN 30 YEARS, CERTIFIED SOLUTIONS FOR ECO-SUSTAINABLE PROJECTS WORLDWIDE

CERTIFICATION.

Mapei concretely promotes sustainability by joining international programmes and organizations and developing technologically-advanced products and solutions which contribute to safeguarding the environment and the health of workers and users.



CERTIFIED PRODUCTS.

Mapei products are certified according to the most accredited international standards. They are formulated using innovative, recycled and ultra-light raw materials developed to reduce energy consumption and to have very low emission level of volatile organic compounds.





| Notes | | | |
|-------|------|------|--|
| | | | |
| | | | |
| | | | |
| | | | |
| , | | | |
| , | | | |
| , | | | |
| | | | |
| , | | | |
| | | | |
| , | | | |
| | | | |
| , | | | |
| | | | |
| , | | | |

4



HEAD OFFICE MAPEI SpA Via Catiero, 22 - 20158 Milan Tel. +39-02-37673.14 Fax +39-02-37673.214 Internet: www.mapei.com E-mail: mapei@mapei.it



.inemuoob

