



FLOORING ADHESIVES



THIS BROCHURE IS DESIGNED AS A GUIDE WHEN CHOOSING WHICH ADHESIVE WOULD BE REQUIRED FOR THE TYPE OF FLOOR COVERING AND THE ENVIRONMENT IN WHICH IT IS TO BE INSTALLED. ALONG WITH THE INADEQUATE PREPARATION OF SUBFLOORS AND THE FAILURE TO DEAL WITH EXCESSIVE MOISTURE IN SUBSTRATES, THE INCORRECT CHOICE OF ADHESIVE IS A COMMON CONTRIBUTORY FACTOR TO INSTALLATION FAILURES IN THE RESILIENT FLOOR COVERINGS MARKET.

TABLE OF CONTENTS

FLOORING ADHESIVES

Adhesives

Carpets, Carpet Tiles and Textiles.....2

Case Study: Good Hope Hospital6

Heavy Duty8

LVT, Vinyl Sheets and Tiles12

Wood Flooring18

Product Selection Chart.....22

Mapei Products

Ultrabond Eco Tack TX+4

Ultrabond Eco TX3.....4

Adesilex G19.....10

Adesilex G2010

Ultrabond Eco V4 Evolution.....14

Ultrabond Eco 4 LVT14

Ultrabond Eco VS90 Plus.....15

Ultrabond Eco 38015

Ultrabond Eco Fix.....16

Ultrabond Eco S955 1K.....20

Ultrabond Eco S948 1K.....20

Ultrabond P990 1K.....21



Adhesive: Carpets, Carpet Tiles and Textiles

Taking into account the advancement in all aspects of technology, adhesives are no exception. When considering which adhesive to use, there are lots of scenarios which must be taken into consideration when choosing the right adhesive for a specific floor covering.

Mapei has an extensive range of adhesives designed to ensure a successful installation is achieved along with the wellbeing of both installers and anyone in the vicinity of the fitting are not affected by any harmful chemicals in the adhesives.

Sustainability, low VOC's (Volatile Organic Compounds) and user friendly are commonly used words by manufacturers. Mapei researched such issues many years before most manufacturers, identifying the possible long term health consequences of using solvented products amongst others.

Mapei have a variety of adhesives suitable for a successful installation and to be achieved with the highest EC1 Plus certification.

For the installation of carpets, carpet tiles and textiles Mapei has developed the TX range of adhesives which are specifically made to adhere all type of backings for all types of textiles and carpets.

Mapei **Ultrabond Eco TX3** is a EC1 Plus adhesive with excellent initial grab for installing most types of carpet with backings including jute, polypropylene, action-bac, woven, latex based, foam and needle punch.

For fitting carpet tiles Mapei's re-formulated **Ultrabond Eco Tack TX+** is the perfect tackifier.

Suitable in areas with underfloor heating, Mapei's **Ultrabond Eco Tack TX+** offers a permanent tack to ensure the tiles do not twist while at the same time allowing ease of removal if the tiles ever get damaged.

This versatile adhesive is also used when fitting loose lay LVT where an additional grab is required.

■ Ultrabond Eco Tack TX+

DESCRIPTION

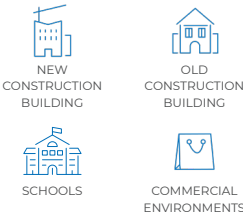
Carpet tile tackifier for the non-permanent installation of carpet tiles. Allows the replacement of carpet tiles as and when required, low emissions of VOC. Also suitable for the installation of loose lay LVT's.

TECHNICAL DATA

Consistency: liquid
Colour: white/transparent
Waiting time*
Open time: permanently tacky
Set to light foot traffic: immediately after laying
Ready for use: immediately after laying
EMICODE: very low emissions
Storage (protected from frost): 12 months

Application: roller
Coverage per unit (approximate): 300 m² Roller (15 kg)
Packaging: 5 kg and 15 kg

WHERE TO USE



CERTIFICATION



MAIN FEATURES



* installation should be carried out once the adhesive has become transparent.

■ Ultrabond Eco TX3

DESCRIPTION

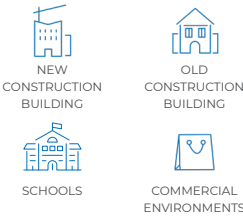
Non flammable carpet adhesive with strong initial bond and long open time. Suitable for bonding textile floor coverings with all types of backings.

TECHNICAL DATA

Consistency: creamy paste
Colour: light beige
Waiting time: 0-10 minutes
Open time: 10-30 minutes
Set to light foot traffic: 3-5 hours
Ready for use: 24-48 hours
EMICODE: very low emissions
Storage (protected from frost): 12 months
Application: N° 2 & 3 notched trowel, TKB B1, B2

Coverage per unit (approximate): 45 m²
Packaging: 15 kg

WHERE TO USE



CERTIFICATION



MAIN FEATURES



PROJECT REFERENCE:
The Westin London City Hotel, London

Case Study:

Good Hope Hospital

Works to the brand new, state of the art maternity suite at Good Hope Hospital were completed with the exclusive use of Mapei products for the installation of vinyl and safety flooring.

The existing compound and adhesive residues were removed and the substrate was cleaned. Once prepared, the substrate was primed with Mapei's acrylic based **Eco Prim T Plus**, diluted with one part to two parts of clean water. Mapei's two-part cement based smoothing and levelling compound, **Latexplan No Ammonia** was then applied to infill areas. These areas were also primed with Mapei **Eco Prim T Plus**; this adhesion promoter encourages inter-coat bonding and its low odour made it the ideal choice of primer.

To ensure lower sections of the substrate met existing floor levels, Mapei **Latexplan No Ammonia** was applied, followed by a third application of Mapei **Eco Prim T Plus** to the entire floor. A third and final application of Mapei **Latexplan No Ammonia** was then applied to ensure the subfloor was completely level, and to provide a single, constant floor to receive the vinyl floor coverings – something that was essential, given the hospital setting.

Once the substrate was prepared, Sheldon Flooring – working for Main Contractor E Manton LTD – installed Polyflor Expona Flow for a contemporary finish. The vinyl sheets were bonded with Mapei **Ultrabond Eco VS90 Plus**, a high temperature universal acrylic-based adhesive with very low VOC that is ideal for use with most resilient floor coverings.

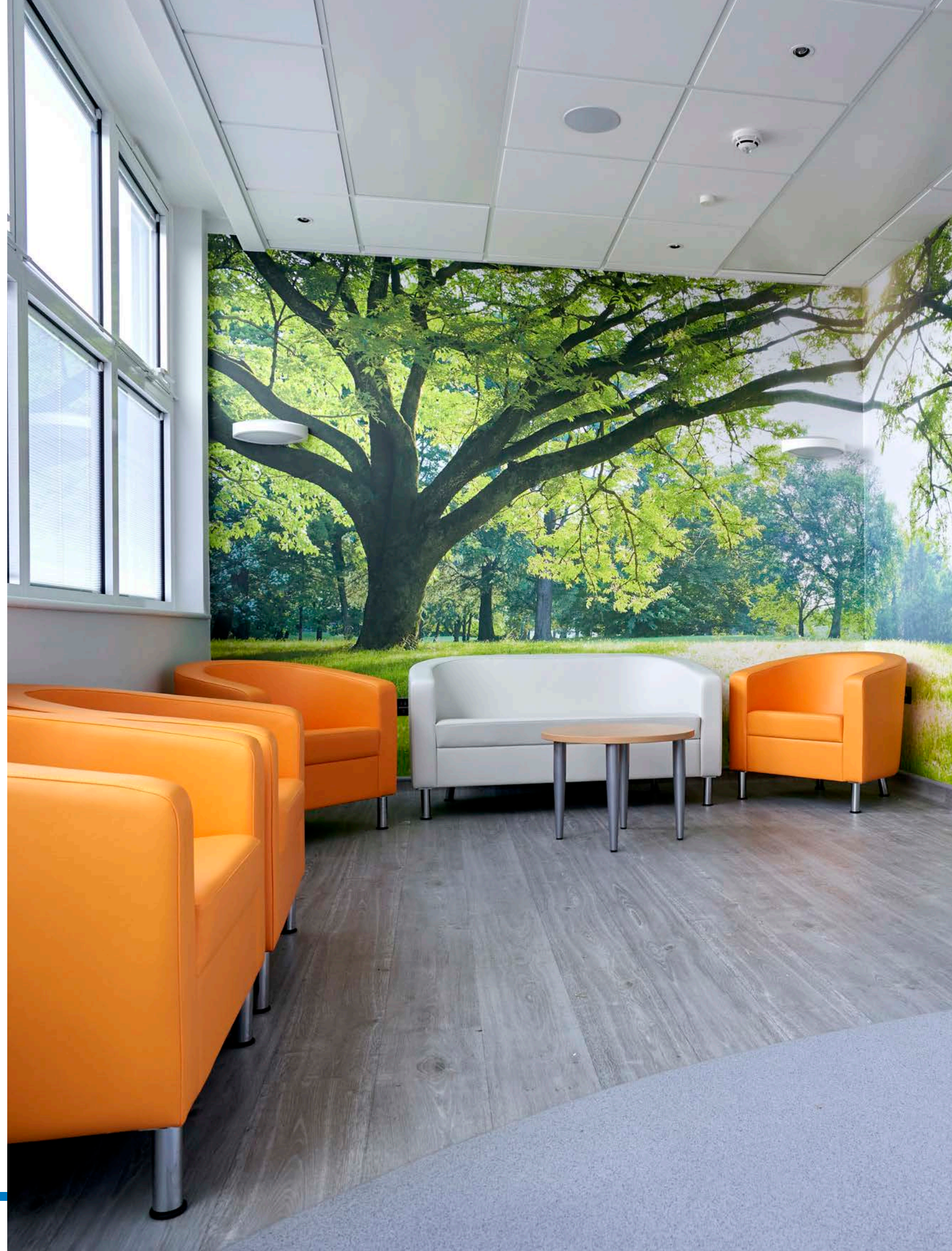
The substrate within the en-suites, was terrazzo tiles that were solidly bonded and laid to a slight fall which accommodated drainage. The substrate was mechanically abraded, and once prepared, it was primed with Mapei **Eco Prim T Plus**. Mapei **Latexplan No Ammonia** was then applied to ensure a complete smooth surface. High performance, one-component polymer-silylate adhesive Mapei **Ultrabond Eco MS 4 LVT** was used to install heavy duty wet room safety flooring Polysafe Quattro, specifically designed to provide a high degree of slip resistance in continually wet areas.

The utility rooms were installed with Polysafe Vogue Ultra vinyl flooring which was fixed with Mapei **Ultrabond Eco VS90 Plus**, a Mapei adhesive suitable for resilient floor coverings, and ideal for areas subjected to static and dynamic loads.

Following the completed work, Contracts Manager at Sheldon Flooring, Dirk Baker said, "From start to finish Mapei provided an excellent service, backed up by products you can trust."

Products:

- **ECO PRIM T PLUS**
- **LATEXPLAN NO AMMONIA**
- **ULTRABOND ECO VS90 PLUS**
- **ULTRABOND ECO MS 4 LVT**





Adhesive: Heavy Duty

Care should be taken when considering the appropriateness of adhesive and its suitability for the environment into which floor coverings are to be installed. If, for instance, there are areas where there is a high probability of extreme temperature fluctuations, this needs to be identified as the correct adhesive will help to ensure failures will not occur.

In conservatories or close to windows for example, the use of a high temperature adhesive with a higher bond strength is required to ensure that vinyl or rubber tiles are not allowed to expand or contract resulting in either gapping or tenting.

Mapei's **Adesilex G19** and **Adesilex G20** have been specifically designed to combat areas subjected to extreme temperature fluctuations as well as being unaffected by moisture.

Both **Adesilex G19** and **Adesilex G20** are two-part epoxy polyurethane's and can be used in these areas of temperature extremes for adhering most types of flooring including; rubber, PVC, textiles, linoleum, polystyrene and polyurethane panels, sheet metal and wood.

Adesilex G19 and **Adesilex G20** are also suitable for exterior installations for floor coverings such as artificial grass and even running tracks.

Adesilex G19

DESCRIPTION Two-component, non-flammable epoxy polyurethane adhesive used for bonding rubber, PVC, semi-flexible vinyl sheet and tile, textile and linoleum floor coverings on internal and external absorbant and non-absorbant substrates.

TECHNICAL DATA

Consistency: component A: thick paste component B: fluid liquid	Storage (protected from frost): 24 months
Colour: component A: beige* component B: transparant	Application: N° 1, 2, 3 and 4 notched trowel, TKB A1, A2, B1, B2, C1
Waiting time: immediate	Coverage per unit (approximate): 25 m ² (10 kg)
Open time: 60 minutes	Packaging: 2 kg, 5 kg and 10 kg
Set to light foot traffic: 12-24 hours	
Ready for use: 72 hours at +23° C	

WHERE TO USE



CERTIFICATION

MAIN FEATURES



* red, green and black colours available upon request (min. 600 kg).

Adesilex G20

DESCRIPTION Low viscosity, two-component, non-flammable epoxy polyurethane adhesive used for bonding thin rubber, PVC, semi-flexible vinyl sheet and tile, textile and linoleum floor coverings on internal and external absorbant and non-absorbant substrates.

TECHNICAL DATA

Consistency: component A: thick paste component B: fluid liquid	Storage (protected from frost): 24 months
Colour: component A: beige component B: transparent	Application: N° 1, 2, and 3 notched trowel, TKB A1, A2, B1, B2
Waiting time: immediate	Coverage per unit (approximate): 25 m ² (10kg)
Open time: 60 minutes	Packaging: 5 kg and 10 kg
Set to light foot traffic: 12-24 hours	
Ready for use: 72 hours at +23° C	

WHERE TO USE



CERTIFICATION

MAIN FEATURES



PROJECT REFERENCE:
Athlete Factory, Chester



Adhesive: LVT, Vinyl Sheets and Tiles

Mapei's range of acrylic based adhesives are used in a variety of instances such as high temperature areas and for general bonding in main field areas.

Mapei **Ultrabond Eco VS90 Plus** adhesive is suitable for areas such as conservatories or general adhesives where an adhesive with a high strength is required in heavy duty environments. In conservatories or close to windows for example, a High temperature adhesive with a higher bond strength is required to ensure vinyl or rubber tiles are not allowed to expand or contract through extreme temperature fluctuations as this can result in either gapping or tenting.

Mapei **Ultrabond Eco VS90 Plus** is suitable in these areas due to its extremely high strength bond. Mapei **Ultrabond Eco 4 LVT** is another suitable adhesive specifically for Luxury vinyl tile having the addition of fibres which allow for a little flexibility on substrates such as plywood which could possibly expand in some circumstances when warm and shrink when exposed to very cold temperatures.

As a general preference, most installers will use a pressure sensitive type adhesive. When applied as a pressure sensitive adhesive in areas not subjected to and temperature fluctuations such as conservatories and in front of windows, these adhesives are designed to offer a non - permanent bond which benefits replacements to be carried out easily without the fuss of having to carry out time consuming repairs to smoothing compounds. To replace tiles merely lift them off the substrate and replace them with a new one and lightly roll with a heavy weighted roller to bed the tile in and then that is completed. One of the advantages of this type of adhesive to the installer is that the "open" or working time is much longer than "permanent" adhesives and therefore larger areas can be spread out ensuring a quicker installation is achieved. Care should be taken using these adhesives to ensure they are not applied in areas subjected to high temperatures.

Mapei's **Ultrabond Eco V4 Evolution** is a versatile adhesive that can be applied as a pressure sensitive adhesive or can be applied as a wet set adhesive for a permanent fixing. **Ultrabond Eco V4 Evolution** has exceptional working or "open times" making it very user friendly product. The hard adhesive bead has been designed to ensure an excellent strong bond when laid into wet. **Ultrabond Eco V4 Evolution** has EC1 Plus certification and can be used to adhere LVT's, Rubber tile and sheet products, Polyurethane, Polyolefin & synthetic backed Linoleum, indoor sports flooring and many more floor products.

■ Ultrabond Eco V4 Evolution

DESCRIPTION





“All in one” universal adhesive with fast and strong initial tack and long open time. Can be applied as a wet lay or transitional pressure sensitive adhesive for resilient and textile floor and wall coverings.

TECHNICAL DATA

Consistency: creamy paste
Colour: light beige
Waiting time: 10-20 minutes
Open time: 60-70 minutes
Set to light foot traffic: 3-5 hours
Ready for use: 24-48 hours
EMICODE: very low emissions
Storage (protected from frost): 12 months
Application: N° 1 and 2 notched trowel, TKB A1, A2, B1, B2 and roller

Coverage per unit (approximate): up to 75 m² (A2 Trowel)
Packaging: 15 kg



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MAIN FEATURES





LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS
 MULTIPLE USES

WHERE TO USE

NEW CONSTRUCTION BUILDING
 OLD CONSTRUCTION BUILDING
 SCHOOLS
 COMMERCIAL ENVIRONMENTS



■ Ultrabond Eco VS90 Plus

DESCRIPTION





Solvent free high temperature universal acrylic adhesive with very low emissions of VOC. For bonding vinyl, rubber, PVC and textile floor coverings.

TECHNICAL DATA

Consistency: creamy paste
Colour: beige
Waiting time: 5-10 minutes
Open time: 20-30 minutes
Set to light foot traffic: 3-5 hours
Ready for use: 24-48 hours
EMICODE: very low emissions
Storage (protected from frost): 12 months
Application: N° 1 and 2 notched trowel, TKB A1, A2, B1, B2

Coverage per unit (approximate): up to 75 m² (A2 Trowel)
Packaging: 5 kg and 15 kg



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MAIN FEATURES





LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS
 MULTIPLE USES

WHERE TO USE

NEW CONSTRUCTION BUILDING
 OLD CONSTRUCTION BUILDING
 SCHOOLS
 COMMERCIAL ENVIRONMENTS



■ Ultrabond Eco 4 LVT

DESCRIPTION





Solvent free fibre-reinforced LVT adhesive. Specifically developed for the installation of LVT SPC and rigid LVT, it guarantees the highest performance in terms of adhesion and dimensional stability.

TECHNICAL DATA

Consistency: creamy paste
Colour: light beige
Waiting time: 0-10 minutes
Open time: 20-30 minutes
Set to light foot traffic: 3-5 hours
Ready for use: 48-72 hours
EMICODE: very low emissions
Storage (protected from frost): 12 months
Application: N° 1 notched trowel, TKB A1, A2

Coverage per unit (approximate): up to 75 m² (A2 Trowel)
Packaging: 15 kg




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MAIN FEATURES






LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS
 FIBER-REINFORCED
HIGH PERFORMANCE

WHERE TO USE

NEW CONSTRUCTION BUILDING
 OLD CONSTRUCTION BUILDING
 SCHOOLS
 COMMERCIAL ENVIRONMENTS
 ADMINISTRATIVE OFFICES, MEETING ROOMS AND AUDITORIUMS



■ Ultrabond Eco 380

DESCRIPTION



Solvent free, non flammable vinyl and PVC adhesive with strong initial bond and long open time. Suitable for bonding PVC, vinyl, homogeneous and hetrogenous sheet or tile onto all kinds of internal absorbant and moisture stable substrates.

TECHNICAL DATA

Consistency: creamy paste
Colour: light beige
Waiting time: 10-20 minutes
Open time: 60-70 minutes
Set to light foot traffic: 3-5 hours
Ready for use: 24-48 hours
Storage (protected from frost): 12 months
Application: A2 notched trowel





Coverage per unit (approximate): 55 m² (A2 Trowel)
Packaging: 15 kg

CERTIFICATION





LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS
 STRONG BOND

WHERE TO USE

NEW CONSTRUCTION BUILDING
 OLD CONSTRUCTION BUILDING
 SCHOOLS
 COMMERCIAL ENVIRONMENTS



^{††} When used as a pressure sensitive adhesive

■ Ultrabond Eco Fix

DESCRIPTION

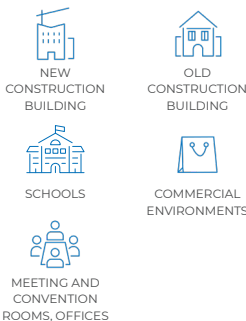
Pressure sensitive, multi-purpose adhesive with permanent tack and very low emissions of VOC. Used for the permanent and release bonding of a wide range of floor coverings.

TECHNICAL DATA

Consistency: creamy paste
Colour: light beige
Waiting time*:
Open time:** 30 minutes-3 hours
Set to light foot traffic: immediately after laying
Ready for use: immediately after laying
EMICODE: very low emissions
Storage (protected from frost): 12 months

Application: N° 1 notched trowel, TKB A1, A2, roller
Coverage per unit (approximate): up to 150 m² Roller / Up to 110 m² Trowel†
Packaging: 15 kg

WHERE TO USE



CERTIFICATION



MAIN FEATURES



* Installation should be carried out once the adhesive has become transparent or immediately if a permanent bond is required.

** Install flooring when the adhesive becomes transparent, between 30 minutes and 3 hours depending on the amount of adhesive, type of substrate and temperature conditions.

† Based on use of A2 trowel



PROJECT REFERENCE:
Sunningdale SEN School, Sunderland



Adhesive: Wood Flooring

The last few years have seen a growing demand in the residential, commercial and public building sectors for wooden flooring using superior quality, aesthetically innovative products. This trend has led to an evolution in the systems and techniques used to install and bond wooden flooring.

MAPEI systems for installing and bonding wooden flooring are solvent-free and have a very low content of volatile organic compounds (VOC). The wood adhesives featured in this brochure are GEV certified as EMICODE EC1 Plus, and are safe both for those who use them and for those who live around them.

MAPEI has always been committed to research and development into products that safeguard the environment and the health of those who apply them or frequent the areas where they are applied and has a vast experience in the field of eco-sustainability dating back to 1980, when they developed a series of products with very low emission level of volatile organic compounds.

Ultrabond Eco S955 1K and **Ultrabond Eco S948 1K** are single component, ready-to-use silylated polymer adhesives. As single component adhesives they offer less waste compared with a conventional two-component product due to no requirement for mixing and their free flowing, lower viscosity. The adhesives are totally free from solvents and easy to apply with excellent rib stability and are easy to remove from hands and the surface of pre-finished wood.

Ultrabond Eco S955 1K is suited for bonding solid wooden floors and pre-finished multi-layered engineered wood floors of all types and formats. **Ultrabond Eco S948 1K** can be used for bonding pre-finished multi-layered engineered wooden floors and medium size planks of solid wood up to 150 mm wide. Both adhesives can bond to a variety of substrates including heated screeds in both domestic and commercial environments.

Ultrabond P990 1K is a ready-to-use single component elastic-polyurethane based adhesive suitable for bonding all size and formats of jointed, pre-finished solid wood parquet with a ply backing. As single component adhesives **Ultrabond P990 1K** also offers less waste compared to two component products. The adhesive is totally free from solvents, easy to apply with excellent rib stability and for bonding to a variety of substrates including heated screeds. **Ultrabond P990 1K** is available in buckets for trowel application or soft cartridge gun and is suitable for both domestic and commercial environments.

■ Ultrabond Eco S955 1K

DESCRIPTION Single component, isocyanate and silylated polymer based adhesive with extremely low emissions of VOC. For all types of wooden flooring.

TECHNICAL DATA

Consistency: creamy paste	Coverage per unit (approximate): 15-18 m ²
Colour: beige	Packaging: 15 kg
Waiting time: immediate	
Open time: 50-60 minutes	
Set to light foot traffic: 12 hours	
Polishing: after 3 days	
EMICODE: very low emissions	
Storage (protected from frost): 12 months	
Application: notched trowel for wood	

CERTIFICATION

 
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MAIN FEATURES

 
LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS READY-TO-USE

WHERE TO USE



■ Ultrabond P990 1K

DESCRIPTION Single component, solvent free, polyurethane based adhesive with extremely low emissions of VOC. For all types of engineered wood and all size panels of solid wood.



TECHNICAL DATA

Consistency: creamy paste	Coverage per unit (approximate): 15-18 m ²
Colour: brown	Packaging: 15 kg
Waiting time: immediate	
Open time: 110 minutes	
Set to light foot traffic: 12 hours	
Sanding processes: after 3 days	
EMICODE: very low emissions	
Storage (protected from frost): 12 months	
Application: notched trowel for wood	

CERTIFICATION

 
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MAIN FEATURES

 
LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS STRONG BOND

WHERE TO USE



■ Ultrabond Eco S948 1K

DESCRIPTION One-component, solvent-free, (according to TRGS 610) silylated polymer-based adhesive with very low emission level of volatile organic compounds. Suitable for all types of engineered wood and medium size solid wood up to 150 mm wide.

TECHNICAL DATA

Consistency: creamy paste	Packaging: 15 kg
Colour: light beige	
Open time: 35 minutes	
Set to light foot traffic: 12 hours	
EMICODE: very low emissions	
Storage (protected from frost): 12 months	
Application: notched trowel for wood	
Coverage per unit (approximate): 15-18 m ²	

CERTIFICATION

 
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MAIN FEATURES

 
LOW VOC EMISSIONS IN INTERNAL ENVIRONMENTS READY-TO-USE

WHERE TO USE



Product Selection Chart

* Install flooring when the adhesive becomes transparent, between 30 minutes and 3 hours depending on the amount of adhesive, type of substrate and temperature conditions.

** Install flooring when the adhesive becomes transparent, between 2 and 12 hours depending on the surrounding conditions and absorption of the adhesive.

†† When used as a pressure sensitive adhesive

† Based on use of A2 trowel

TECHNICAL DETAILS		ULTRABOND ECO TACK TX+	ULTRABOND ECO TX3	ADESILEX G19	ADESILEX G20	ADESILEX VZ	ULTRABOND ECO V4 EVOLUTION	ULTRABOND ECO 4 LVT	ULTRABOND ECO VS90 PLUS	ULTRABOND ECO 380	ULTRABOND ECO FIX
		EC1 Plus / Blauer Engel	EC1 Plus / Blauer Engel				EC1 Plus / Blauer Engel	EC1 Plus / Blauer Engel	EC1 Plus / Blauer Engel	EC1	EC1 Plus / Blauer Engel
Packaging Size		15 kg	15 kg	10 kg / 5 kg / 2 kg	10 kg / 5 kg	5 kg	15 kg	15 kg	15 kg / 5 kg	15 kg	15 kg
Coverage per unit (approximate)		300 m² per 15 kg	45 m²	25 m² per 10 kg	25 m² per 10 kg	25 m²	up to 75 m²	up to 75 m² ††	up to 75 m²	55 m²	150 m² Roller / 110 m² Trowel*
Storage (protected from frost)		12 months	12 months	24 months	24 months	12 months	12 months	12 months	12 months	12 months	24 months
Waiting Time (approximate)		** see above	0-10 mins	Immediate	Immediate	10-20 mins	10-20 mins	0-10 mins	5-10 mins	10-20 mins / 60-70 min††	12 months
Open Time (approximate)		2-12 hours**	10-30 mins	60 mins	60 mins	50 mins	60-70 mins	20-30 mins	20-30 mins	60-70 mins	30 mins-3 hours*
Set to Foot Traffic		Immediate	3-5 hours	12-24 hours	12-24 hours	Immediate	3-5 hours	3-5 hours	3-5 hours	3-5 hours	Immediate
CARPET TILES	Bitumen	Releasing Bond		Permanent Bond	Permanent Bond				Permanent Bond		
	PVC	Releasing Bond		Permanent Bond	Permanent Bond				Permanent Bond	Permanent Bond	Permanent Bond or Release
	Unbacked	Releasing Bond		Permanent Bond	Permanent Bond				Permanent Bond		
CARPET	Action-Bac		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		Permanent Bond or Release
	Felt		Permanent Bond	Permanent Bond	Permanent Bond				Permanent Bond		
	Fibrebonded / Needlepunch		Permanent Bond	Permanent Bond	Permanent Bond				Permanent Bond		
	Gel - Compressed		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	
	Gel - Foam		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	
	High Density Foam		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		
	Jute/Cotton		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		Permanent Bond or Release
	Jute/Hessian		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		Permanent Bond or Release
	Latex		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	
	Polyester			Permanent Bond	Permanent Bond				Permanent Bond	Permanent Bond	Permanent Bond or Release
	Polypropylene			Permanent Bond	Permanent Bond				Permanent Bond	Permanent Bond	Permanent Bond or Release
	PVC			Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	Permanent Bond or Release
	Secondary Backed		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		Permanent Bond or Release
	Unitary		Permanent Bond	Permanent Bond	Permanent Bond				Permanent Bond		Permanent Bond or Release
VINYL/PVC FLOOR COVERINGS	Cushioned			Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	Permanent Bond or Release
	Coving/Skirting			Permanent Bond	Permanent Bond	Permanent Bond			Permanent Bond		
	PVC Sheet			Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond	Permanent Bond	Releasing Bond
	PVC Tile			Permanent Bond	Permanent Bond		Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond	Releasing Bond
	Vinyl/Composite Tile	Loose Lay LVT's		Permanent Bond	Permanent Bond		Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond	Releasing Bond
	Polyolefin			Permanent Bond	Permanent Bond		Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond	
	LVT						Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond or Release
RUBBER FLOOR COVERINGS	Smooth - Flat Backed			Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		
	Studded - Flat Backed			Permanent Bond	Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		
LINOLEUM	Jute/Hessian Backed		Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond		Permanent Bond		
	Polyester Backed			Permanent Bond	Permanent Bond			Permanent Bond	Permanent Bond		
CORK	Natural			Permanent Bond	Permanent Bond	Permanent Bond			Permanent Bond		
	PVC - Backed			Permanent Bond	Permanent Bond	Permanent Bond		Permanent Bond	Permanent Bond		

Notes

[illegible][illegible]

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