

## Additives



### Latex Plus



**Admixture to be mixed with Nivorapid and Planipatch to improve the deformability and adhesion onto difficult surfaces.**

**Where to use:**

**Latex Plus** mixed with **Nivorapid** or **Planipatch** produces a cementitious levelling compound with such flexibility and high bonding strength to be used in interiors for levelling highly deformable surfaces such as:

- PVC, ceramic tiles, rubber linoleum, strong non-woven;
- properly fixed wood plank flooring, chipboard, plywood;
- metal substrates.

Levelling compounds prepared with **Nivorapid** and **Planipatch** mixed with **Latex Plus** and applied in thicknesses from 3 to 20 mm and from 0 to 10 mm are suitable to receive every type of resilient or textile flooring.

**Technical data:**

**Consistency:** liquid.

**Colour:** white.

**Flammability:** no

**Pot life:** 20 minutes

**Setting time:** 30 minutes.

**Set to light foot traffic:** after 2 hours.

**Application temperature range:** from +5°C to +30°C.

**Waiting time before bonding:** 12-24 hours.

**Mixing ratio:** 8-8.5 kg of **Latex Plus** per 25 kg bag of **Nivorapid**.

**Application:** flat trowel.

**Consumption**

0.6 kg/m<sup>2</sup> per mm of thickness.

**Packaging**

10 kg drums.





## Livigum



**Additive in water dispersion for cementitious smoothing compounds and mortars.**

**Where to use:**

- Additive for improving the mechanical and adhesion strength of cementitious screeds, renders and coatings.
- Additive for the preparation of cement based bonding slurries to form bonded screeds, for filling depressions and repairing parts of screeds.
- Added to levelling compounds such as **Pianocem M**, it improves compressive and abrasive strength.
- Diluted 1:4 - 1:5 with water, it fixes surface dust of screeds before the installation of wooden flooring with vinyl adhesives.

**Livigum** can be diluted 1:4 - 1:5 with water depending on the type of application.

**Technical data:**

**Consistency:** viscose liquid.  
**Colour:** white.  
**Flammability:** no.  
**Application temperature range:** from +5°C to +35°C.  
**Storage:** 12 months. Protect from frost.

**Consumption** depending on dilution.

**Packaging** 25 - 10 - 5 kg drums.



## Planicrete



**Synthetic rubber latex for improving adhesion and mechanical strength of cementitious mortars.**

**Where to use:**

- Additive for cementitious smoothing compounds. Additive for improving the mechanical and adhesive strength of cementitious mixes for screeds, renders, thin levelling mortars, etc.
- Additive for the preparation of cement based slurries to form bonded screeds, for filling depressions and repairing parts of screeds, cementitious floors etc.
- Additive for spatterdash to provide adhesion key for renders.

Do not use pure **Planicrete** as a primer or slurry, always mix it with Portland cement, or, when required, with **Mapecem** or **Topcem**.

**Technical data:**

**Consistency:** liquid.  
**Colour:** greenish white.  
**Flammability:** no.  
**Application temperature range:** from +5°C to +40°C.  
**Storage:** 12 months.






**Consumption** depending on dilution and thickness of the mortar.

**Packaging** 25 - 10 - 5 - 1 kg drums.



NEW INVIOATELLA CENTRE - Rome - Italy  
 Substrate preparation: LIVIGUM, ADESIVIL C

# Selection tables of Mapei products for the installation of textile flooring

	 <b>Ultrabond Eco 170</b>	 <b>Ultrabond Eco 185</b>	 <b>Aquacol T</b>	 <b>Mapecryl Eco</b>	 <b>Ultrabond Eco Fix</b>			
<b>TEXTILE FLOOR COVERINGS</b>								
<b>Non-woven</b>								
Normal	●	●	●	●		●	●	●
Latex backed	●	●	●	●		●	●	●
Polypropylene								
Self-lay tiles					●			●
<b>Tufted/Punched (type of back)</b>								
Latex		●	●	●		●	●	●
Latex foam		●	●	●		●	●	●
Polyurethane foam				●		●		●
PVC foam								●
Natural jute		●	●	●		●	●	●
Action-bac® polypropylene jute		●	●	●		●		●
Non-woven polyester		●	●	●		●	●	●
Self-lay tiles					●			●

**KEY**



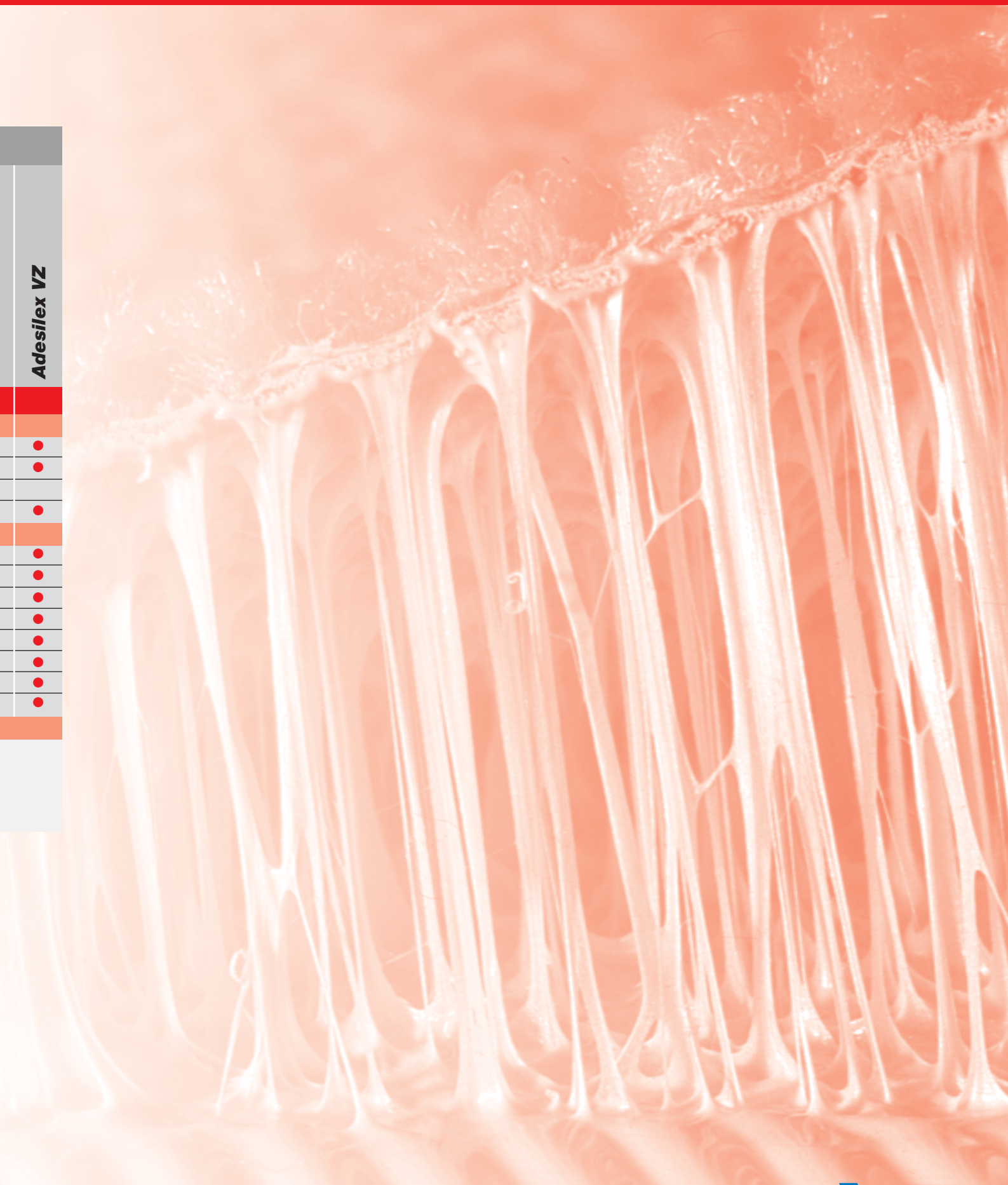
This symbol is used to identify MAPEI products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products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

● MAPEI adhesives recommended

**N.B. - THIS TABLE IS MERELY INDICATIVE; FOR FURTHER INFORMATION, REFER TO THE TECHNICAL DATA SHEET FOR EACH PRODUCT**



**Adesilex VZ**



# Eco adhesives

## Ultrabond Eco 170



**Adhesive in water dispersion with a rapid, high initial bond and very low emission of volatile organic compounds (VOC), specifically formulated for textile floors.**

**Where to use:**  
Internal bonding of textile floor coverings with all kinds of backing material, on any kind of absorbent substrate used in the building industry which is stable in the presence of damp.

**Technical data:**  
**Consistency:** creamy paste.  
**Colour:** light beige.  
**Inflammable:** no.  
**Recommended application temperature range:** from +15°C to +35°C.  
**Waiting time:** from 0 to 20 minutes.  
**Open time:** 30-40 minutes.  
**Step-on time:** after approx. 3 hours.  
Waiting time before putting into service: 24 hours.  
**EMICODE:** EC1 - very low emission.  
**Storage:** 12 months. Protect from frost.  
**Application:** notched trowel.

**Consumption**  
0.25-0.40 kg/m<sup>2</sup>.

**Packaging**  
16 kg drums.



## Ultrabond Eco 185



**Adhesive in water dispersion with high initial tack and very low emission of volatile organic compounds (VOC) for textile floor and wall coverings.**

**Where to use:**  
Internal bonding of:  
• normal, latex or latex-foam back textile floor coverings;  
• natural jute back or polypropylene (Action Bac®) carpet;  
• latex and latex-foam back carpets.

**Technical data:**  
**Consistency:** creamy paste.  
**Colour:** light beige.  
**Flammability:** no.  
**Application temperature range:** from +15°C to +35°C.  
**Waiting time:** from 0 to 10 min.  
**Open time:** maximum 30 min.  
**Set to light foot traffic:** after 2-3 hours.  
**Ready for use:** after 24 hours.  
**EMICODE:** EC1 - very low emission.  
**Storage:** 24 months. Protect from frost.  
**Application:** notched trowel.

**Consumption**  
0.3-0.45 kg/m<sup>2</sup>.

**Packaging**  
16 kg drums.





CIRCUS - Bonnelles - Belgium

Substrate preparation with: NIVORAPID, ULTRAPLAN, PRIMER G  
Carpeting laid with ULTRABOND ECO 185

## Aquacol T



**Adhesive in water dispersion with very low emission of volatile organic compounds (VOC) for textile floor and wall coverings.**

**Where to use:**

- Internal bonding of:
- normal and latex back needlepunch carpets;
  - woven carpets;
  - natural jute, synthetic and synthetic non-woven back flock carpets, etc;
  - latex and latex-back, natural jute, polypropylene jute (Action Bac®) and synthetic non-woven back carpets.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** from 0 to 10 min.

**Open time:** 20-30 min.

**Set to light foot traffic:** after approx. 2-3 hours.

**Ready for use:** at least after 24 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

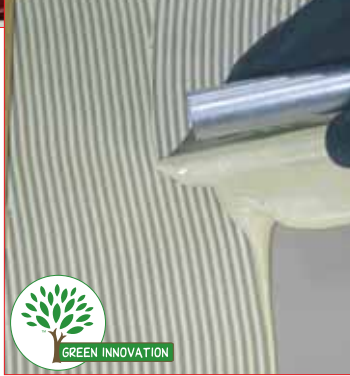
0.30-0.55 kg/m<sup>2</sup>.

**Packaging**

25 - 12 - 5 kg drums.



## Mapecryl Eco



**Acrylic adhesive in water dispersion with very low emission of volatile organic compounds (VOC) for textile floor coverings.**

**Where to use:**

- Internal bonding onto absorbent substrates of:
- latex and latex-foam backed, polyurethane foam, natural or synthetic jute-backed and polypropylene (Action Bac®) or synthetic non-woven back carpets;
  - normal and latex-backed needlepunch.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** 0 to 10 min.

**Open time:** max. 30 min.

**Set to light foot traffic:** after 2 hours.

**Ready for use:** after approx. 24 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months in original packaging.

Protect from frost.

**Application:** notched trowel.

**Consumption**

0.25-0.45 kg/m<sup>2</sup>.

**Packaging**

25 - 16 - 5 kg drums.



## Ultrabond Eco Fix



**Adhesive in water dispersion with permanent tack and very low emission of volatile organic compounds (VOC) for dry-lay floor tiles. Tiles can be removed and replaced several times.**

**Where to use:**

- Internal bonding of:
- dry-lay carpet tiles with all types of backing;
  - venetian carpets.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** from 30 min. to 12 hours.

**Set to light foot traffic:** immediately after installation.

**Ready for use:** immediately after installation.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** roller and notched trowel.

**Consumption**

0.10-0.20 kg/m<sup>2</sup>.

**Packaging**

10 - 5 kg drums.



# Adhesives in water emulsion

## Rollcoll



**Universal acrylic adhesive in water dispersion for textile floor and wall coverings.**

**Where to use:**

Internal bonding of:

- latex and latex-foam backed, polyurethane-foam, natural and synthetic jute-backed, polypropylene (Action Bac®), non-woven polyester-backed carpet;
- normal and latex-backed needlepunch.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:**

- applied with a trowel: from 0 to 30 min;
- applied with a roller or sprayed: from 0 to 10 min.

**Open time:**

- applied with a trowel: max 60 min.;
- applied with a roller or sprayed: max 30 min.

**Set to light foot traffic:** after 2 hours.

**Ready for use:** after approx. 24 hours.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel, roller or spray.

**Consumption**

trowel: 0.3-0.4 kg/m<sup>2</sup>;

roller: 0.20-0.40 kg/m<sup>2</sup>;

sprayed: 0.25-0.3 kg/m<sup>2</sup>.

**Packaging**

25 - 12 - 5 - 1 kg drums.







*BOEHRINGER MANNHEIM - Milan - Italy  
Substrate preparation with: PIANODUR R, PRIMER G  
Carpeting laid with ROLLCOLL*



## Adhesives based on resins in alcohol



### Adesilex F57



**Adhesive based on synthetic resins in alcohol for textile floor and wall coverings.**

**Where to use:**

Internal bonding of:

- normal, needlepunch and latex textile floor coverings;
- latex and latex-backed, natural jute-backed, polyester non-woven backed punched and tufted carpets.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** from 0 to 10 minutes.

**Open time:** 20 minutes.

**Set to light foot traffic:** after 2-3 hours.

**Ready for use:** after approx. 24 hours.

**Storage:** 24 months.

**Application:** notched trowel.

**Consumption**

0.3-0.55 kg/m<sup>2</sup> (0.6 kg/m<sup>2</sup> for wheeled chairs).

**Packaging**

19 and 9 kg drums.



# Contact polychloroprene adhesives



## Adesilex LP



**Double coat polychloroprene adhesive in solvent solution.**

**Where to use:**

Internal bonding of:  
• carpet and needlepunch where instant setting is required.

**Technical data:**

**Consistency:** viscose liquid.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** approximately 10-20 minutes.

**Open time:** 5 hours.

**Set to light foot traffic:** immediately.

**Ready for use:** several days depending on the temperature.

**Storage:** 24 months.

**Application:** notched and flat trowel.

**Consumption**

0.20-0.35 kg/m<sup>2</sup>.

**Packaging**

10 - 5 - 1 kg drums.



## Adesilex VZ



**Double coat polychloroprene adhesive in solvent solution.**

**Where to use:**

Internal bonding of:  
• carpet and needlepunch where instant setting and use of the flooring are required.

**Technical data:**

**Consistency:** viscose liquid.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** 10-20 minutes.

**Open time:** 50 minutes.

**Set to light foot traffic:** immediately.

**Ready for use:** several days depending on the temperature.

**Storage:** 24 months.

**Application:** notched and flat trowel.

**Consumption**

0.2-0.3 kg/m<sup>2</sup>.









**Packaging**

10 - 5 - 1 kg drums.





# Selection tables of Mapei products for the installation of resilient

Substrates								
	Ultrabond Eco 350	Ultrabond Eco 380	Ultrabond Eco V4 SP	Ultrabond Eco VS90	Mapecryl Eco	Ultrabond Eco 520	Ultrabond Eco 540	Aquacol T
<b>VINYL FLOOR COVERINGS</b>								
Semi-flexible vinyl	●	●	●	●	●			
Homogeneous vinyl	●	●	●	●	●			
Composition vinyl	●	●	●	●	●			
Vinyl on PVC foam	●	●	●	●				
Vinyl on polyurethane foam	●	●	●	●	●			
Polyolefin floors	●	●	●	●				
<b>RUBBER FLOOR COVERINGS</b>								
Civil with flat-back	●		●	●				
“Stud relief” with flat-back	●		●	●				
Oil resistant, etc.								
Lined								
Waffle back for cement installation								
Steps, edges								
<b>LINOLEUM</b>								
Natural jute back						●	●	●
Synthetic jute back	●		●	●				
Cork linoleum						●	●	●
<b>CORK</b>								
Natural cork	●		●					
PVC-backed cork	●		●		●			
Painted cork								
<b>COCO</b>								
Natural	●		●		●		●	●
Latex-primed back	●		●		●		●	●

## KEY



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.

● MAPEI adhesives recommended



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# Eco adhesives

## Ultrabond Eco 350



**Adhesive in water dispersion with very high bonding strength even after an extended open time and with very low emission of volatile organic compounds (VOC) for resilient floor coverings.**

### Where to use:

Internal bonding of:

- homogeneous and composition vinyl floor coverings in sheets or in tiles;
- semi-flexible vinyl tiles;
- smooth or textured rubber flooring with smooth back for light interior traffic only;
- polyolefin-based floor coverings;
- vinyl flooring on foamed PVC or polyurethane;
- synthetic-jute backed linoleum;
- natural cork and with PVC support;
- natural coconut and with latex back.

### Technical data:

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** from 10 to 20 minutes (30-40 minutes on non-absorbent substrates).

**Open time:** maximum 60 minutes.

**Set to light foot traffic:** after 24 hours.

**Ready for use:** after 72 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

### Consumption

0.25-0.35 kg/m<sup>2</sup>.

### Packaging

16 kg drums.



## Ultrabond Eco 380



**Adhesive in water dispersion with a rapid, strong initial bond, very long open time and very low emission of volatile organic compounds (VOC), for vinyl floors.**

### Where to use:

Internal bonding of:

- homogeneous and heterogeneous vinyl floors in sheets or tiles;
- floors in semi-flexible vinyl tiles;
- carpet with latex rubber, foam PVC or polyurethane backing.

### Technical data:

**Consistency:** creamy paste.

**Colour:** light beige.

**Inflammable:** no.

**Recommended application temperature range:** from 15°C to 35°C.

**Waiting time:** 10-20 min.

**Open time:** 70 min..

**Step-on time:** 24 hours.

**Set to light foot traffic:** after 3-4 hours.

**Ready for use:** after 48 hours.

**EMICODE:** EC1 - very low emission.

**Storage:** 12 months. Protect from frost.

**Application:** notched trowel.

### Consumption

0.25-0.35 kg/m<sup>2</sup>.

### Packaging

16 kg drums.



SAN MARTINO REST HOME - Bollate - Italy  
Substrate preparation with: NIVORAPID, LIVIGUM,  
PIANOCEM F, ULTRAPLAN ECO, PRIMER G.  
Rubber laid with ULTRABOND ECO V4 SP

### Ultrabond Eco V4 SP



**Universal adhesive in water dispersion with extended open time and very low emission of volatile organic compounds (VOC) for resilient flooring.**

**Where to use:**

- Internal bonding of:
- homogeneous and composition vinyl floor coverings in sheets or in tiles;
  - polyolefin-based flooring;
  - PVC foam floor coverings (cushion-floor);
  - semi-flexible vinyl tiles;
  - vinyl flooring on foamed PVC or polyurethane;
  - smooth or textured rubber flooring with smooth back for light interior traffic only;
  - synthetic-jute backed linoleum;
  - natural cork and with PVC support;
  - natural coconut and with latex back.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:**

from +15°C to +35°C.

**Waiting time:** approximately 10-20 minutes (30-40 minutes on non-absorbent substrates).

**Open time:** 40-45 minutes.

**Set to light foot traffic:** after 24 hours.

**Ready for use:** after 72 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.25-0.4 kg/m<sup>2</sup>

**Packaging**

16 - 8 kg drums.



### Ultrabond Eco VS90



**Multi-purpose, acrylic adhesive in water dispersion with a very low emission level of volatile organic compounds (VOC), for bonding vinyl and rubber floor coverings.**

**Where to use:**

- Internal bonding of:
- homogeneous and heterogeneous vinyl floors in sheets or tiles;
  - semi-rigid vinyl and PVC floor tiles;
  - rubber tiles or rolls (whatever the type of backing material).

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Inflammable:** no.

**Application temperature range:** from

+15°C to +35°C.

**Waiting time:** 10-20 minutes.

**Open time:** 30-40 minutes.

**Set to light foot traffic:** after 6-8 hours.

**Ready for use:** 48-72 hours.

**EMICODE:** EC1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.25-0.40 kg/m<sup>2</sup>.

**Packaging**

16 kg drums.



### Mapecryl Eco



**Acrylic adhesive in water dispersion with very low emission of volatile organic compounds (VOC) for textile floor coverings.**

**Where to use:**

- Internal bonding onto absorbent substrates of:
- homogeneous and composition vinyl floor coverings in sheet or in tiles;
  - semi-flexible vinyl flooring;
  - vinyl flooring on foamed polyurethane;
  - cork flooring with PVC support;
  - natural coconut and with latex-back flooring.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:**

from +15°C to +35°C.

**Waiting time:** 0 to 10 min.

**Open time:** max. 30 min.

**Set to light foot traffic:** after 2 hours.

**Ready for use:** after approx. 24 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months in original packaging.

Protect from frost.

**Application:** notched trowel.

**Consumption**

0.25-0.45 kg/m<sup>2</sup>.

**Packaging**

25 - 16 - 5 kg drums.





## Ultrabond Eco 520



**Adhesive in water dispersion with a rapid, high initial bond and very low emission of volatile organic compounds (VOC), specifically formulated for linoleum floors.**

**Where to use:**

Internal bonding of:  
- linoleum floors with a natural jute backing.

**Technical data:**

**Consistency:** creamy paste.  
**Colour:** light beige.  
**Inflammable:** no.  
**Recommended application temperature range:** from 15°C to 35°C.  
**Waiting time:** from 0 to 20 minutes.  
**Open time:** 30-40 minutes.  
**Set to light foot traffic:** after approx. 3 hours.  
**Ready for use:** 24 hours.  
**EMICODE:** EC1 - very low emission.  
**Storage:** 24 months. Protect from frost.  
**Application:** notched trowel.

**Consumption**

0.25-0.40 kg/m<sup>2</sup>.

**Packaging**

16 kg drums.



## Ultrabond Eco 540



**Adhesive in water dispersion with very low emission of volatile organic compounds (VOC) specifically formulated for installing linoleum flooring.**

**Where to use:**

Internal bonding of:  
• natural-jute back linoleum flooring;  
• cork linoleum, natural cork, natural coconut and latex-back.

**Technical data:**

**Consistency:** creamy paste.  
**Colour:** light beige.  
**Flammability:** no.  
**Application temperature range:** from +15°C to +35°C.  
**Waiting time:** from 0 to 10 minutes.  
**Open time:** 15 to 20 minutes.  
**Set to light foot traffic:** approximately 3 hours.  
**Ready for use:** after 24 hours.  
**EMICODE:** EC 1 - very low emission.  
**Storage:** 24 months. Protect from frost.  
**Application:** notched trowel.

**Consumption**

0.3-0.5 kg/m<sup>2</sup>.

**Packaging**

16 kg drums.



## Aquacol T



**Adhesive in water dispersion with very low emission of volatile organic compounds (VOC) for textile floor and wall coverings.**

**Where to use:**

- Internal bonding of:
- synthetic jute-back linoleum flooring;
  - linoleum-cork sheet flooring;
  - latex-back coconut flooring;
  - textile wall coverings such as needlepunch, needlepunch on foam, latex needlepunch, wall carpets.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** from 0 to 10 minutes.

**Open time:** 20-30 minutes.

**Set to light foot traffic:** after approx. 2-3 hours.

**Ready for use:** at least after 24 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.3-0.55 kg/m<sup>2</sup>.

**Packaging**

25 - 12 - 5 kg drums.



## Ultrabond Eco 185



**Adhesive in water dispersion with high initial tack and very low emission of volatile organic compounds (VOC) for coconut flooring.**

**Where to use:**

- Internal bonding of:
- natural coconut or latex-back floor coverings.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** from 0 to 10 minutes.

**Open time:** maximum 30 minutes.

**Set to light foot traffic:** after 2-3 hours.

**Ready for use:** after 24 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.30-0.45 kg/m<sup>2</sup>.

**Packaging**

16 kg drums.





# Adhesives in water emulsion



## Rollcoll



**Universal acrylic adhesive in water dispersion for vinyl floor and wall coverings.**

**Where to use:**

Internal bonding of:

- homogeneous and composition PVC flooring;
- semi-flexible vinyl flooring and on foam polyurethane;
- natural cork and PVC-backed flooring;
- latex-primed back natural coconut-fibre flooring.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:**

- applied with a trowel: from 0 to 30 min;
- applied with a roller or sprayed: from 0 to 10 min.

**Open time:**

- applied with a trowel: max 60 min.;
- applied with a roller or sprayed: max 30 min.

**Set to light foot traffic:** after 2 hours.

**Ready for use:** after approx. 24 hours.

**Storage:** 24 months. Protect from frost.

**Application:** trowel, roller or spray.

**Consumption**

trowel: 0.3-0.4 kg/m<sup>2</sup>;  
roller: 0.20-0.40 kg/m<sup>2</sup>;  
sprayed: 0.25-0.3 kg/m<sup>2</sup>.

**Packaging**

25 - 12 - 5 - 1 kg drums.



## Adesilex V4



**Universal acrylic adhesive in water dispersion for resilient flooring.**

**Where to use:**

Internal bonding of:

- homogeneous and composition PVC floor tiles and sheet;
- vinyl flooring on foam PVC or polyurethane;
- semi-flexible vinyl tiles;
- synthetic jute-back linoleum;
- PVC-backed natural cork;
- latex-primed back natural coconut-fibre.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** white.

**Flammability:** no.

**Application temperature range:** from +15°C to +35°C.

**Waiting time:** from 0 to 10 minutes.

**Open time:** max 30 minutes.

**Set to light foot traffic:** after approx. 2-4 hours.

**Ready for use:** after 24-48 hours.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.30-0.35 kg/m<sup>2</sup>.

**Packaging**

25 - 12 - 5 - 1 kg drums.



## Adhesives based on resins in alcohol



### Adesilex F57



**Adhesive based on synthetic resins in alcohol for textile floor and wall coverings.**

**Where to use:**

Internal bonding of:

- natural jute-back linoleum flooring;
- linoleum-cork and natural cork flooring;
- natural coconut-fibre flooring.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:**

from +10°C to +35°C.

**Waiting time:** from 0 to 10 minutes.

**Open time:** 20 minutes.

**Set to light foot traffic:** after 2-3 hours.

**Ready for use:** after approx. 24 hours.

**Storage:** 24 months.

**Application:** notched trowel.

**Consumption**

0.3-0.55 kg/m<sup>2</sup> (0.6 kg/m<sup>2</sup> for wheeled chairs).

**Packaging**

19 and 9 kg drums.





# Contact polychloroprene and elastomeric adhesives

## Ultrabond Aqua-Contact



**Solvent-free double coat elastomer adhesive in water dispersion for the installation of floor and wall coverings, where instant bonding is required.**

**Where to use:**

- Internal bonding of:
- Vinyl, rubber, linoleum and cork (PVC-backed or painted) floor and wall coverings on non-absorbent or uneven surfaces;
  - PVC and rubber steps, skirtings and angles.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** white.

**Flammability:** no.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** 30-60 minutes.

**Set to light foot traffic:** immediately.

**Ready for use:** several days depending on the temperature.

**Storage:** 24 months. Protect from frost.

**Application:** notched and flat trowel and brush.

**Consumption**

0.3-0.4 kg/m<sup>2</sup>.

**Packaging**

5 - 10 kg drums.



## Ultrabond Aqua-Contact Cork



**Elastomeric, solvent-free, double-coat adhesive in water dispersion for laying floors and walls in natural cork where an immediate bond is required.**

**Where to use:**

For bonding internal floors and walls in natural and pre-painted cork.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** white.

**Flammability:** no.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** 50-60 minutes.

**Open time:** 3 hours.

**Set to light foot traffic:** immediately.

**Ready for use:** immediately.

**EMICODE:** EC1 - very low emission.

**Storage:** 12 months (protect from frost).

**Application:** notched and flat trowel and brush.

**Consumption**

0.15-0.25 kg/m<sup>2</sup>.

**Packaging**

5 kg drums.





### Adesilex LP



**Double coat polychloroprene adhesive in solvent solution for vinyl and rubber floor and wall coverings.**

**Where to use:**

- Internal bonding of:
- rubber, PVC, linoleum and cork floor and wall coverings where instant bonding is required;
  - rubber and PVC skirtings, baseboards and profiles.

**Technical data:**

**Consistency:** viscose liquid.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** approximately 10-20 minutes.

**Open time:** 5 hours.

**Set to light foot traffic:** immediately.

**Ready for use:** several days depending on the temperature.

**Storage:** 24 months.

**Application:** notched and flat trowel.

**Consumption**

0.2-0.35 kg/m<sup>2</sup>.

**Packaging**

10 - 5 - 1 kg drums.



### Adesilex VZ



**Double coat polychloroprene adhesive in solvent solution for the installation of floor and wall coverings where instant bonding is required.**

**Where to use:**

Bonding of:

- PVC on curved surfaces;
- PVC floor and wall coverings where instant bonding is required or on non absorbent surfaces;
- PVC backed wood or cork floor and wall coverings;
- linoleum and rubber flooring.

**Technical data:**

**Consistency:** viscose liquid.

**Colour:** beige.

**Flammability:** yes.

**Application temperature range:** from +10°C to +35°C.

**Waiting time:** 10-20 minutes.

**Open time:** 50 minutes.

**Set to light foot traffic:** immediately.

**Ready for use:** several days depending on the temperature.

**Storage:** 24 months.

**Application:** notched and flat trowel.

**Consumption**

0.2-0.3 kg/m<sup>2</sup>.

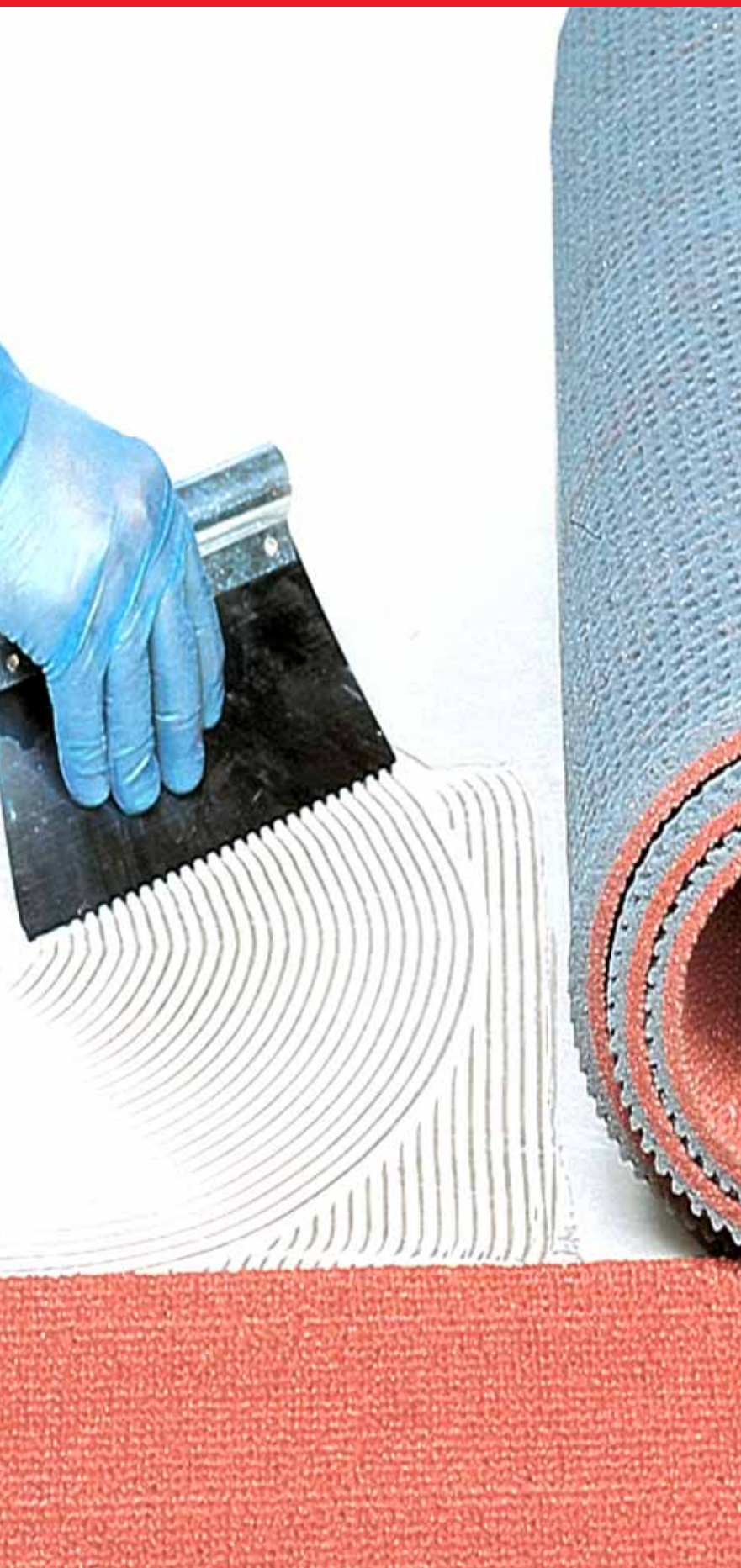
**Packaging**

10 - 5 - 1 kg drums.





# Two-component epoxy-polyurethane, polyurethane and epoxy adhesives



## Adesilex G19



**Two-component epoxy-polyurethane adhesive for rubber or PVC flooring.**

### Where to use:

Bonding of:

- tile or sheet rubber flooring (with flat-back or canvas imprint or stalk back) for interiors and exteriors, subject to heavy and intense traffic;
- rubber flooring for athletic complexes (e.g. tracks);
- homogeneous and composition PVC flooring and PVC foam-backed;
- semi-flexible vinyl flooring;
- rubber and PVC flooring on old existing flooring.

### Technical data:

**Consistency:** Part A: thick paste; Part B: fluid liquid.

**Colour:** Part A: beige, red, green, black; Part B: straw yellow.

**Flammability:** Part A: no; Part B: no.

**Mixture ratio:** Part A : Part B = 94 : 6.

**Pot life:** 50-60 minutes.

**Application temperature range:** from +10°C to +30°C.

**Open time:** 1 hour.

**Setting time:** 9 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days at +23°C.

**Storage:** 24 months.

**Application:** notched trowel.

### Consumption

0.4-1.0 kg/m<sup>2</sup>.

### Packaging

10 - 5 and 2 kg drums.



PALERMO UNDERGROUND STATION - Italy  
Substrate preparation with: MAPECEM.  
Tile rubber installation with ADESILEX G19



LINATE AIRPORT - Milan - Italy  
PVC installation with ADESILEX G19

## Adesilex G20



**Low viscosity two-component epoxy-polyurethane adhesive.**

**Where to use:**

Bonding of:

- thin rubber flooring;
- homogeneous, composition and semiflexible PVC flooring.

**Technical data:**

**Consistency:** Part A: thick paste; Part B: fluid liquid.

**Colour:** Part A: beige; Part B: transparent.

**Flammability:** no.

**Mixture ratio:** Part A : Part B = 94 : 6.

**Pot life:** 40-50 minutes.

**Application temperature range:**

from +10°C to +30°C.

**Open time:** 1 hour.

**Setting time:** 10 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days at +23°C.

**Storage:** 24 months.

**Application:** notched trowel and roller.

**Consumption**

0.35-0.50 kg/m<sup>2</sup>

**Packaging**

10 and 5 kg drums.





FRANCISCO SA CARNEIRO AIRPORT - Porto - Portugal  
 Substrate preparation with: ULTRAPLAN ECO.  
 Rubber laid with: ADESILEX G12

## Adesilex UP71



**Water and solvent-free two-component polyurethane adhesive for bonding rubber and PVC flooring in interiors.**

**Where to use:**

- Internal bonding onto absorbent and non-absorbent substrates of:
- tile or sheet rubber flooring (with any type of back) also for areas subject to heavy and intense traffic;
  - homogeneous, composition PVC and PVC foam-backed flooring;
  - semi-flexible vinyl flooring.

**Technical data:**

**Consistency:** Part A: thick paste; Part B: fluid liquid.

**Colour:**

- Part A: grey;
- Part B: brown.

**Flammability:** no.

**Mixture ratio:** part A : part B = 86 : 14.

**Pot life:** approximately 30 minutes.

**Application temperature range:** from +5°C to +30°C.

**Open time:** 50 to 60 minutes.

**Setting time:** approximately 4 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days.

**EMICODE:** EC1 R - very low emission.

**Storage:** 12 months.

**Application:** trowel.

**Consumption**

0.35-1 kg/m<sup>2</sup>.

**Packaging**

10 and 5 kg drums.



## Adesilex G12



**Two-component epoxy adhesive for the installation of rubber flooring.**

**Where to use:**

- Bonding of:
- tile or sheet rubber flooring (with flat-back or canvas imprint or stalk back) for interiors and exteriors subject to heavy and intense traffic;
  - oil resistant rubber flooring.

**Technical data:**

**Consistency:** Part A: thick paste; Part B: thick paste.

**Colour:**

- Part A: light brown;
- Part B: dark brown.

**Flammability:** Part A: no; Part B: yes.

**Mixture ratio:** Part A : Part B = 1 : 1.

**Pot life:** 60-70 minutes.

**Application temperature range:** from +15°C to +30°C.

**Open time:** 1 hour.

**Setting time:** 9-10 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days.

**Storage:** 24 months.

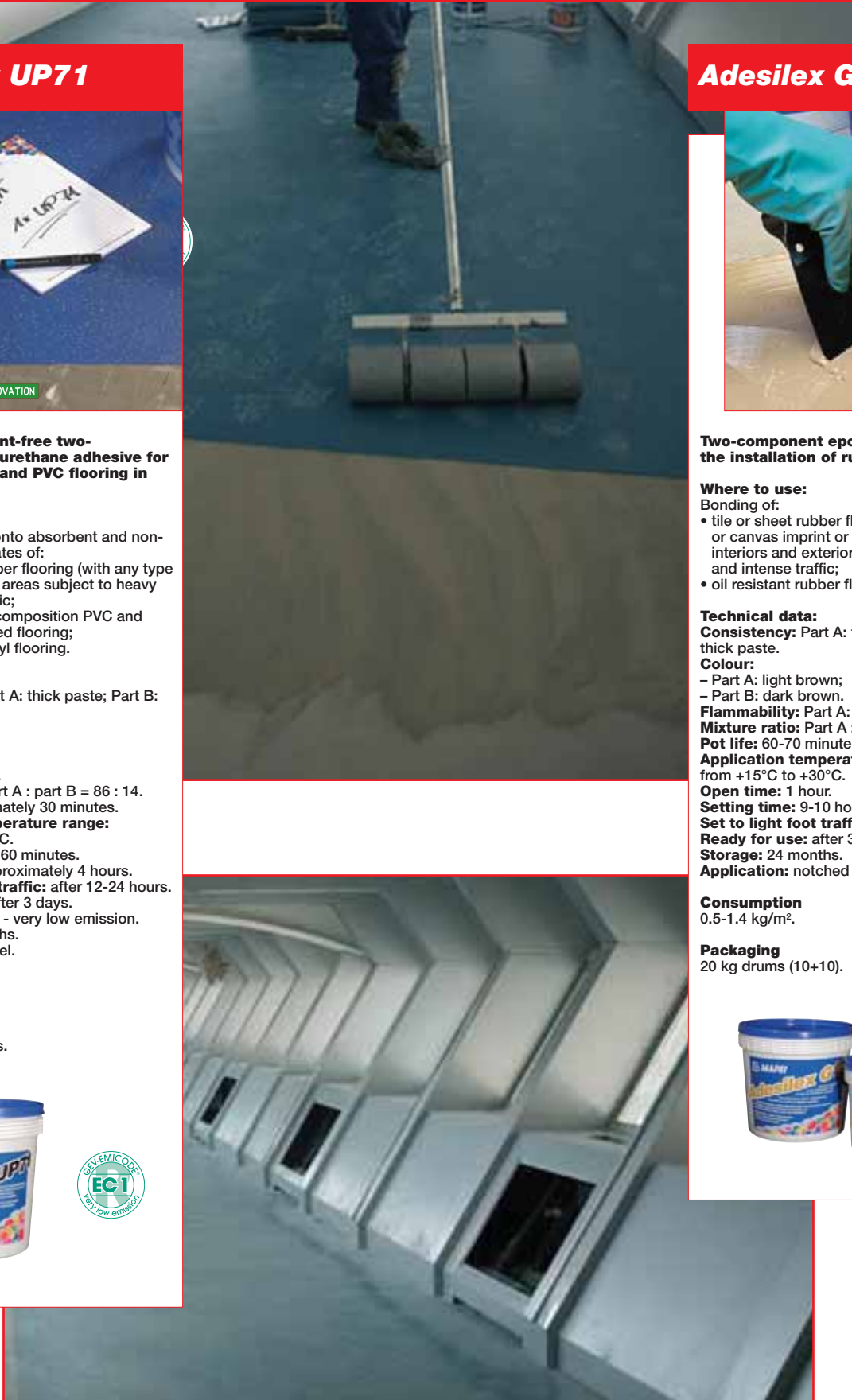
**Application:** notched trowel.

**Consumption**

0.5-1.4 kg/m<sup>2</sup>.

**Packaging**

20 kg drums (10+10).



# Cementitious adhesives

PIRELLI SKYSCRAPER - Milan - Italy  
Rubber bonding in the external paving with GRANIRAPID

53



## Granirapid



**Two-component cement based adhesive system with rapid hydration, suitable for waffle-back for cement installations (thickness of adhesive up to 10 mm).**

### Where to use:

Bonding of internal, external and areas subject to heavy traffic of rubber waffle-back for cement installation floor coverings (stalk-back or dove-tailed), which have good stability on all traditional substrates as long as they are solid and clean. The installation of waffle-back for cement floor covering must be carried out using the double coat method.

### Technical data:

**Consistency:** Part A: powder; Part B: thick liquid.

**Colour:** Part A: grey and white; Part B: white.

**Flammability:** no.

**Mixture ratio:** Part A: 25 kg + Part B: 5.5 kg.

**Pot life:** 45 minutes.

**Application temperature range:** from +5°C to +30°C.

**Open time:** 20 minutes.

**Setting time:** 2 hours.

**Set to light foot traffic:** 3-4 hours.

**Ready for use:** 24 hours.

**Available colours:** grey and white.

**EMICODE:** EC1 - very low emission.

**Storage:** 12 months.

**Application:** notched trowel.

### Consumption

12-15 kg/m<sup>2</sup>.

### Packaging

**Granirapid white:** 28 kg kits

Part A: 22.5 kg bags;

Part B: 5.5 kg drum.

**Granirapid grey:** 30.5 kg kits





Part A: 25 kg bag;

Part B: 5.5 kg drum.







# Selection tables of Mapei products for the installation of sports flooring

		 <b>Ultrabond Eco V4 SP</b>	 <b>Adesilex UP71</b>	<b>Adesilex G19</b> <b>Adesilex G20</b>	<b>Ultrabond Turf EP 2K</b>	 <b>Ultrabond Turf PU 2K</b>	 <b>Ultrabond Turf PU 1K</b>
<b>RUBBER FLOORING</b>							
Sports rubber in interiors		●	●	●			
Sports rubber in exteriors			●	●			
<b>VINYL FLOORING</b>							
Sports vinyl floor in interiors		●	●	●			
<b>FLOORING IN SYNTHETIC GRASS</b>							
Synthetic grass					●	●	●
<b>LINOLEUM</b>							
Linoleum in interiors			●	●			

**KEY**

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.

● MAPEI adhesives recommended

N.B. - THIS TABLE IS MERELY INDICATIVE; FOR FURTHER INFORMATION, REFER TO THE TECHNICAL DATA SHEET FOR EACH PRODUCT

For more information on Mapei visit [www.barbourproductsearch.info](http://www.barbourproductsearch.info)

**SELECTION TABLE OF MAPEI PRODUCTS  
FOR THE INSTALLATION OF SPORTS FLOORING**





# Products for the installation of PVC and rubber

## Adesilex G19



**Two-component epoxy-polyurethane adhesive.**

**Where to use:**

Bonding of:

- tile or sheet rubber flooring (with flat-back or canvas imprint or stalk back) for interiors and exteriors, subject to heavy and intense traffic;
- homogeneous and composition PVC flooring and PVC foam-backed;
- semi-flexible vinyl flooring;
- rubber and PVC flooring on old existing flooring.

**N.B.:** upon request also available in the rapid version for application temperatures lower than +15°C (minimum +5°C).

**Technical data:**

**Consistency:** Part A: thick paste; Part B: fluid liquid.

**Colour:** Part A: beige, red, green, black; Part B: straw yellow.

**Flammability:** Part A: no; Part B: no.

**Mixture ratio:** Part A : Part B = 94 : 6.

**Pot life:** 50-60 minutes.

**Application temperature range:** from +15°C to +30°C.

**Open time:** 1 hour.

**Setting time:** 9 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days at +23°C.

**Storage:** 24 months.

**Application:** notched trowel.

**Consumption**

0.4-1.0 kg/m<sup>2</sup>.

**Packaging**

10 - 5 and 2 kg drums.



## Adesilex G20



**Low viscosity two-component epoxy-polyurethane adhesive.**

**Where to use:**

Bonding of:

- thin rubber flooring;
- homogeneous, composition and semiflexible PVC flooring.

**Technical data:**

**Consistency:** Part A: thick paste; Part B: fluid liquid.

**Colour:** Part A: beige; Part B: transparent.

**Flammability:** no.

**Mixture ratio:** Part A : Part B = 94 : 6.

**Pot life:** 40-50 minutes.

**Application temperature range:** from +10°C to +30°C.

**Open time:** 1 hour.

**Setting time:** 10 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days at +23°C.

**Storage:** 24 months.

**Application:** notched trowel and roller.

**Consumption**

0.35-0.50 kg/m<sup>2</sup>

**Packaging**

10 and 5 kg drums.



SYDNEY OLYMPIC  
STADIUM - Australia  
Installation of rubber with  
ADESILEX G19



## Adesilex UP71



**Water and solvent-free two-component polyurethane adhesive for bonding rubber and PVC flooring in interiors.**

**Where to use:**

- Internal bonding onto absorbent and non-absorbent substrates of:
- tile or sheet rubber flooring (with any type of back) also for areas subject to heavy and intense traffic;
  - homogeneous, composition PVC and PVC foam-backed flooring;
  - semi-flexible vinyl flooring.

**Technical data:**

**Consistency:** part A: thick paste; part B: fluid liquid.

**Colour:**

- part A: grey;
- part B: brown.

**Flammability:** no.

**Mixture ratio:** Part A : Part B = 86 : 14.

**Pot life:** approximately 30 minutes.

**Application temperature range:**

from +5°C to +30°C.

**Open time:** 50 to 60 minutes.

**Setting time:** approximately 4 hours.

**Set to light foot traffic:** after 12-24 hours.

**Ready for use:** after 3 days.

**EMICODE:** EC1 R - very low emission.

**Storage:** 12 months.

**Application:** trowel.

**Consumption**

0.35-1 kg/m<sup>2</sup>.

**Packaging**

5 kg drums.



## Mapelay



**Waterproof and anti-fracture PVC glass fibre reinforced sheet for interior installation of resilient and textile flooring over substrates that are cracked, dirty, moist and subject to rising damp.**

**Where to use:**

- Installation of resilient or textile flooring over still damp screeds or subject to continuous rising damp.
- Installation of rubber flooring in old industrial buildings where the screeds are soaked with oil and existing residuals of dirt that are very difficult to remove.
- Installation of resilient or textile flooring on cracked screeds where the cracks cannot be repaired because subject to possible movement.
- To temporarily protect all types of new flooring during on-site work.
- Temporary installation of rubber or PVC flooring for sports in places where it is necessary to bring the floor to the previous conditions after the sports event.
- Installation of resilient or textile flooring for a certain time in order to avoid damaging the underneath marble, wood, rubber, etc. flooring.

**Technical data:**

**Length:** 25 m.

**Width:** 2 m.

**Thickness:** 1.2 mm.

**Weight:** 1.1 kg/m<sup>2</sup>.

**Packaging**

25 m rolls.

Weight of roll 57 kg.



## Ultrabond Eco V4 SP



**Universal adhesive in water dispersion with extended open time and very low emission of volatile organic compounds (VOC) for resilient flooring.**

**Where to use:**

Internal bonding of:

- homogeneous and composition vinyl floor coverings in sheets or in tiles;
- polyolefin-based flooring;
- PVC foam floor coverings (cushion-floor);
- semi-flexible vinyl tiles;
- vinyl flooring on foamed PVC or polyurethane;
- smooth or textured rubber flooring with smooth back for light interior traffic only;
- synthetic-jute backed linoleum;
- natural cork and with PVC support;
- natural coconut and with latex back.

**Technical data:**

**Consistency:** creamy paste.

**Colour:** light beige.

**Flammability:** no.

**Application temperature range:**

from +15°C to +35°C.

**Waiting time:** approximately

10-20 minutes (30-40 minutes on non-absorbent substrates).

**Open time:** 40-45 minutes.

**Set to light foot traffic:** after 24 hours.

**Ready for use:** after 72 hours.

**EMICODE:** EC 1 - very low emission.

**Storage:** 24 months. Protect from frost.

**Application:** notched trowel.

**Consumption**

0.25-0.4 kg/m<sup>2</sup>

**Packaging**

16 - 8 kg drums.





# Products for the installation of synthetic grass

## Ultrabond Turf PU 2K



**Two-component, solvent and water-free polyurethane adhesive with very low emission of volatile organic compounds (VOC) for bonding synthetic grass surfaces.**

**Where to use:**  
Bonding jointing strips between synthetic grass panels. It is particularly recommended and for those subjects who are allergic to epoxy or epoxy-polyurethane products.  
It is particularly suitable for bonding at low temperatures.

**Technical data:**  
**Consistency:** component A: thick paste; component B: fluid liquid.  
**Colour:** component A: green; comp B: brown.  
**Inflammable:** no.  
**Mixing ratio:** component A : component B = 90 : 10.  
**Pot life of mix:** 30 minutes.  
**Application temperature range:** from 0°C to +35°C.  
**Open time:** 50-60 minutes.  
**Set to light foot traffic:** after 12-24 hours.  
**EMICODE:** EC1 R - very low emission.  
**Storage:** 12 months.  
**Application:** n° 3 or n° 4 notched trowel.

**Consumption**  
0.4-0.5 kg per metre of 40 mm-wide jointing strip (10 kg of product for 20-25 metres length).

**Packaging**  
10 and 5 kg drums.



## Ultrabond Turf PU 1K



**One-component, epoxy-polyurethane adhesive with very low emission of volatile organic compounds (VOC) for bonding synthetic grass surfaces.**

**Where to use:**  
Bonding jointing strips between synthetic grass panels. It is particularly recommended for those subjects who are allergic to epoxy or epoxy-polyurethane products.  
This adhesive is a one-component ready-to-use product and does not require a catalyser. Therefore, blending errors are avoided and the product may be used several times.  
It is particularly suitable at low temperatures.

**Technical data:**  
**Consistency:** creamy paste.  
**Colour:** green.  
**Inflammable:** no.  
**Application temperature range:** from 0°C to +35°C.  
**Open time:** 80-100 minutes.  
**Set to light foot traffic:** 12 hours.  
**EMICODE:** EC1 R - very low emission.  
**Storage:** 12 months.  
**Application:** n° 3 or n° 4 notched trowel.

**Consumption**  
0.30-0.40 kg per metre of 40 mm-wide jointing strip (15 kg of product for 40 metres length).

**Packaging**  
15 and 7 kg drums and 600 ml aluminium soft cartridges.





MEAZZA STADIUM - Milan - Italy  
Installation of synthetic grass with ADESILEX G19

### Ultrabond Turf EP 2K



**Two-component epoxy-polyurethane adhesive for bonding synthetic grass surfaces.**

**Where to use:**

Bonding jointing strips between synthetic grass panels.

**Technical data:**

**Consistency:** component A: paste; component B: fluid liquid.

**Colour:** component A: green; comp B: transparent.

**Inflammable:** no.

**Mixing ratio:**

component A : component B = 94 : 6.

**Pot life of mix:** 45 minutes.

**Application temperature range:** from +10°C to +30°C.

**Open time:** 1 hour.

**Set to light foot traffic:** after 24 hours.

**Storage:** 24 months.

**Application:** n° 3 or n° 4 notched trowel.

**Consumption**

0.4-0.5 kg per metre of 40 mm-wide jointing strip (10 kg of product for 22-25 metres length).

**Packaging**

10 kg drums.



### Ultrabond Turf Tape 100



**Jointing tape for joining panels of synthetic grass and for marking out pitches for various sports activities.**

**Technical data:**


**Thickness:** 0.100 mm.

**Width of roll:** 400 mm.


**Length of roll:** 300 m.



# Selection tables of Mapei products for the installation of conductive flooring

Substrates				
	Ultrabond Eco V4 Conductive	Aquacol T Conductive	Adesilex VZ Conductive	Adesilex G19 Conductive
<b>CONDUCTIVE FLOORS</b>				
Conductive linoleum floors		●	●	●
Conductive rubber floors	●		●	●
Conductive vinyl floors	●		●	●
Conductive textile floors (non-woven and textile)	●	●	●	●

**KEY**

 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.

● MAPEI adhesives recommended

**N.B. - THIS TABLE IS MERELY INDICATIVE;  
FOR FURTHER INFORMATION, REFER TO THE  
TECHNICAL DATA SHEET FOR EACH PRODUCT**

Besides the above mentioned products, the installation of conductive flooring can be carried out with MAPEI products mixed with the conductive additive MAPELECTRIC CP1 in the following amount:

Products	kg of MAPELECTRIC CP1	Electrical resistance MOhm
10 kg of <b>Primer G</b>	2.5	0.005
12 kg of <b>Aquacol T</b>	2.5	0.060
16 kg of <b>Ultrabond Eco 350</b>	3.75	0.070
16 kg of <b>Ultrabond Eco V4SP</b>	5	0.005
16 kg of <b>Ultrabond Eco 185</b>	3.75	0.05
10 kg di <b>Ultrabond Eco Fix</b>	3.75	0.005