



Adesilex VZ

Contact adhesive in solvent solution



WHERE TO USE

- Bonding of skirtings, step nosings or other profiles in plasticised PVC.
- Bonding on curved or vertical surfaces where immediate grip is required.
- Bonding of floor and wall coverings in PVC, cork or wood with PVC backing.

Some application examples

Adesilex VZ is used for bonding:

- Profiles in PVC, mouldings, skirting, corners, nosings etc.
- PVC or linoleum on curved surfaces or where an immediate bond is required.
- Floor and wall coverings in PVC where an immediate bond is required or on non-absorbent surfaces.
- Floor and wall coverings in cork or wood with PVC backing

ON

- walls, floors, ceilings, cement render, wood, hardboard, chipboard, fibre cement sheets, gypsum, plasterboard, laminates and plastic materials.

Also for the bonding of:

- PVC sheets to metal and light alloys.
- PVC or polyurethane foams, together and with wood, metal etc.

TECHNICAL CHARACTERISTICS

Adesilex VZ is a double coat polychloroprenic rubber based adhesive in a solvent solution, particularly suited for the fixing of PVC floor and wall coverings.

Adesilex VZ is a low viscosity with an immediate bond.

After setting **Adesilex VZ** has high adhesion and elasticity.

Resistance to temperature and ageing is excellent.

RECOMMENDATIONS

- Do not use **Adesilex VZ** for fixing foam or other materials that are not resistant to the solvents contained in the adhesive (in case of doubt, carry out a preliminary test).
- For bonding ridged or expanded polystyrene when a product which sets immediately is required **Ultrabond Aqua-Contact**.
- Install the covering before the solvents contained in **Adesilex VZ** have completely evaporated.
- Do not install on damp substrates or substrates that may be subject to rising damp.
- Do not use on old paint.

APPLICATION PROCEDURE

Preparation of the substrate

The substrate must be uniformly dry, flat, and free from cracks, resistant to compression and tension; free from

Adesilex VZ



Spreading Adesilex VZ of the backing of a PVC covering



PVC installation on a step



Spreading Adesilex VZ on the backing of a PVC step nosing

dust and loose particles, varnish, wax, oil, rust, traces of gypsum and products that may prevent bonding.

Check the moisture content throughout the entire thickness of the substrate with a carbide or electric hygrometer, keeping in mind that the latter gives only approximate values.

It is essential to ensure that there is no rising damp present.

The humidity content must be as prescribed: for cement substrates max. 2.5-3%, for those with a gypsum or anhydrite base max. 0.5%.

Floating screeds over layers of insulation and screeds directly on the ground, must be constructed over a vapour barrier to prevent rising damp.

If either cracks in a substrate need to be repaired, a screed requires consolidation, a quick-drying screed needs to be installed or if a surface requires levelling before laying the coating, please refer to the catalogues which illustrate the various ranges of MAPEI products or contact the MAPEI Technical Assistance Department.

Acclimatisation

Before starting the installation, make sure that the floor or wall coverings, the adhesive and the substrate are acclimatised to the recommended temperature.

Floor and wall coverings must be removed from the packaging several hours before installation; the sheets must be freely laid out or at least loosened from the rolls to allow acclimatisation and the reduction of tension produced by the packaging.

Spreading the adhesive

Adesilex VZ is applied evenly with a fine notched trowel (MAPEI No. 1) both to the substrate and to the backing of the covering. Very absorbent substrates may require a priming coat.

Installing the covering

Follow the installation instructions given by the floor and wall covering manufacturer.

Lay the covering after the complete evaporation of the solvent, 10-20 minutes at +23°C (do not wait too long): in practice, the correct time is easily determined, wait for the moment when the adhesive is still sticky to the touch without actually sticking to the fingers.

Then proceed to apply the covering, being very careful as errors in laying cannot be corrected due to the immediate bond of the adhesive.

Apply pressure to the bonded surface by means of a suitable metal roller or wooden trowel (or similar).

Cleaning

Adesilex VZ can be cleaned from tools and clothing whilst fresh, with nitro or benzene solvents. When dry with Pulicol or mechanically.

CONSUMPTION

Mapei trowel No. 1: 0.2-0.3 kg/m².

PACKAGING

The product is supplied in approved drums of 10, 5 and 1 kg.

STORAGE

Adesilex VZ is inflammable, therefore the precautions dictated by local regulations must be observed.

Under normal conditions and in its original unopened packaging, Adesilex VZ is stable for 24 months.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Adesilex VZ is an irritant and is highly inflammable. If the fumes given off by the product are inhaled, they may cause drowsiness and dizziness. Only use the product in well-ventilated areas and away from naked flames or sparks. If the product comes into contact with the eyes, rinse them immediately with plenty of clean water and seek medical attention. If the product comes into contact with the skin, wash off immediately with soap and water. If the product is ingested, do not force the subject to vomit; seek urgent medical attention. If the fumes given off by the product are inhaled, ventilate the area and seek medical attention. Adesilex VZ is a hazard for aquatic life: do not dispose of the product in the environment.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

All relevant references for the product are available upon request and from www.mapei.com

TECHNICAL DATA (typical values)

PRODUCT IDENTIFICATION

Consistency:	liquid
Colour:	beige
Density (g/cm³):	0.9
Brookfield viscosity (mPa·s):	3,000 (rotor 4 - 20 RPM)
Dry solids content (%):	26
Storage:	24 months in original sealed packaging
Hazard classification according to EC 1999/45:	irritant, easily inflammable, dangerous for the environment. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3506 91 00

APPLICATION DATA (at +23°C - 50% R.H.)

Application temperature range:	+10°C to +35°C
Waiting time before installation:	10-20 minutes
Open time:	maximum 50 minutes
Set to light traffic:	immediate
Ready for use:	immediate

FINAL PERFORMANCE DATA

Resistance to moisture:	excellent
Resistance to aging:	excellent
Test of adhesion PEEL 90° in compliance with EN 1372 (N/mm): - after 14 days at +23°C:	homogeneous PVC: 1.8



Installation of a PVC step nosing



Spreading Adesilex VZ on the backing of a skirting



Bonding of PVC skirtings

Adesilex VZ



"Fraggianni" primary school (Bari - Italy)



Expo Sevilla (Spain) - Palazzo Italia: Wudawood - Luini flooring installed with Adesilex VZ

