

Adesilex

Adhesive in water dispersion for bonding fabric and glass fibre wall coverings



WHERE TO USE

Adesilex TDV is used to bond the following on walls and ceilings:

- glass fibre mesh;
- non-woven fabric

ON

plastered walls, plasterboard walls, concrete, cementitious substrates and prefabricated panels.

TECHNICAL CHARACTERISTICS

Adesilex TDV is a ready-mixed adhesive in water dispersion. It is supplied in the form of a white paste and is applied by simple buttering with a roller, or with a spreader for heavy fabrics. When dry **Adesilex TDV** forms a transparent film.

Adesilex TDV may also be coloured with multi-purpose paint pigments to form a better base colour prior to painting.

Adesilex TDV does not contain solvent and may be applied in rooms while they are being used.

RECOMMENDATIONS

- Do not use **Adesilex TDV** if the temperature is lower than +10°C or higher than +35°C.
- Do not use **Adesilex TDV** on walls with rising damp.

APPLICATION PROCEDURE

Preparation of the substrate

Surfaces must be flat, dry, absorbent and strong and must have no rising damp, traces of dust, loose areas or any substances that could affect adhesion, such as paint, oil, etc.

The level of residual moisture in the substrate must be less than 2.5% for cementitious plaster and render and less than 0.5% for gypsum-based plaster and render.

Before applying **Adesilex TDV** on absorbent surfaces, apply a coat of **Primer G** to even out the absorption.

In the case of uneven substrates or substrates which are not sufficiently smooth, apply a skim coat to create a suitable application surface.

Acclimatisation

Before applying the product, make sure the adhesive, glass fibre mesh and wall have been acclimatised at the recommended temperature. Sheets of mesh must be laid out loose several hours prior to application to reduce the tensions that build up in the sheets when rolled up.

Spreading the adhesive

Mix the adhesive before use if necessary. Spread the adhesive on the surface with a medium-pile roller. When bonding heavy mesh or fabric, it is better to apply the adhesive with a fine notched spreader (No. 1 spreader). Lay the mesh or non-woven fabric

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	creamy paste
Colour:	white
Density (g/cm ³):	1.05
pH:	8.0
APPLICATION DATA (at +23°C and 50% R.H.)	
Application temperature:	+10°C to +35°C
Waiting time:	5 to 10 minutes
Open time:	maximum 20 minutes
Setting time:	approx. 12 hours
Complete hardening time:	approx. 48 hours
Waiting time before painting over:	minimum 24 hours
FINAL PERFORMANCE	
Resistance to ageing:	excellent
Resistance to temperatures:	maximum +80°C
Resistance to moisture:	good
Resistance to mould:	good

on the fresh adhesive within the open time of the adhesive (approximately 20 minutes) and carefully bond in place. Go over the sheet with a spreader to make sure it adheres perfectly, starting at the centre of the sheet and working outwards. Follow the laying instructions supplied by the manufacturer of the covering. Wait 24 hours before painting.

Cleaning

Remove **Adesilex TDV** while it is still wet from tools, hands and clothing with water. Once dry, use alcohol or **Pulicol 2000**.

PACKAGING

The product is available in 5 kg, 10 kg and 20 kg drums.

CONSUMPTION

Consumption varies from 0.15 to 0.25 kg/m², depending on how the adhesive is applied.

STORAGE

Protect **Adesilex TDV** from freezing weather. Avoid exposing the product for too long to temperatures lower than 0°C. **Adesilex TDV** remains stable for at least 12 months under normal conditions in its original, sealed packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Adesilex TDV is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemicals. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product 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 application; 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.

Please refer to the current version of the **Technical Data Sheet**, available from our website www.mapei.com

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



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