

# Adesilex MT32

## Adhesive in water dispersion for wall coverings



### WHERE TO USE

Bonding of all types of wall coverings, such as: non-woven with paper back, flocked, heavy textiles, etc.

### Some application examples

**Adesilex MT32** is used for bonding:

- wall coverings such as vinyl paper, flocked, textiles and non-woven with paper back;
- textiles, vinyl textiles, non-woven with foam or film back, polyester-back textiles;
- glass fibre textiles;
- PVC foam and polyester-back PVC foam wall coverings

### ONTO

- all absorbent substrates generally used in construction.

### TECHNICAL CHARACTERISTICS

**Adesilex MT32** is an adhesive in water dispersion formulated in an easy to use white paste for spreading in a single application with trowel, roller, or brush.

**Adesilex MT32** has an open time of maximum 30 minutes.

**Adesilex MT32** is not flammable and contains no toxic substances. It therefore presents no health

hazards during use and can be stored with no special precautions.

**Adesilex MT32** is an easily trowellable thixotropic paste, yet has high early grab when wet that enables it to keep even heavy textile wall coverings in place.

**Adesilex MT32**, when diluted with water and brushed onto the back of the wall covering, is fluid enough to install the covering with only light smoothing.

### RECOMMENDATIONS

- Do not use **Adesilex MT32** to install non-porous wall coverings on non-absorbent surfaces (contact MAPEI TEchnical Advisory Department).
- Do not use **Adesilex MT32** at temperatures below +10°C and above +35°C.
- Do not use **Adesilex MT32** on walls subject to rising damp.

### APPLICATION PROCEDURE

#### Preparing the substrate

Substrates must be dry, absorbent, level, sound, free of dirt, loose materials, paint, oils, etc. Check the moisture content, which must be as recommended by the wall covering manufacturer. For cement plaster and concrete walls it generally should be a maximum of 2.5 to 3%.

For gypsum based plaster max. 0.5%.

Test for the presence of moisture throughout the thickness of the substrate using a carbide or

# Adesilex-MT32



Installation of wall covering in offices



Installing sheets of wall coverings with Adesilex MT32



Detail of installation

TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
<b>Consistency:</b>	creamy paste
<b>Colour:</b>	white
<b>Density (g/cm<sup>3</sup>):</b>	1.10
<b>pH:</b>	9
<b>Brookfield viscosity (MPa·s):</b>	120,000 (7 rotor - 5 rpm)
<b>Dry solids content (%):</b>	23
<b>Storage:</b>	12 months in original sealed packaging. Avoid prolonged exposure to frost
<b>Hazard classification according to EC 1999/45:</b>	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
<b>Customs class:</b>	3506 91 00
<b>APPLICATION DATA (at +23°C and 50% R.H.)</b>	
<b>Application temperature range:</b>	from +10°C to +35°C
<b>Waiting time:</b>	from 0 to 10 minutes
<b>Open time:</b>	maximum 30 minutes
<b>Setting time:</b>	approx. 6-8 hours
<b>Final setting time:</b>	approx. 48 hours
<b>FINAL PERFORMANCE DATA</b>	
<b>Resistance to ageing:</b>	excellent
<b>Resistance to temperature:</b>	max. +80°C
<b>Resistance to damp:</b>	good
<b>Resistance to mould:</b>	good
<b>Peel 90° adhesion according to DIN 16860 – after 14 days at +23°C (N/mm):</b>	homogeneous PVC: 1.1

electronic hygrometer, remembering that the latter only gives approximate measurements. For uneven or insufficiently smooth substrates, a smoothing compound must be applied before installing the wall covering:

- 1) for gypsum walls use:
  - **Planitex A** gypsum-based stucco/smoothing compound for smoothing up to 3-4 mm per coat;
- 2) For cement based renders or walls use:
  - **Nivoplan** or **Nivorapid** for thicknesses up to 2 cm per coat;
  - **Planitop 560** to smooth small imperfections up to 3 mm.
- 3) For wood walls use:
  - **Nivorapid** bag mixed with 2 kg **Planicrete**;
  - **Nivorapid** mixed with **Latex Plus** without adding water.

### Acclimatisation

Before starting the installation, make sure that the adhesive, the wall covering and the wall are acclimatised to the recommended temperature. Wall coverings must be removed from their packaging several hours before installation. The lengths must be freely laid or at least loosened from their rolls to allow for acclimatisation and the reduction of tension produced by the packaging.

### Spreading the adhesive

Before installing, the wall must be first treated with a coat of **Adesilex MT32** diluted 1 to 2 with water. This primer coat should then be left to dry.

Depending on the type of wall covering, **Adesilex MT32** should be applied:

- a) to the wall (gypsum or cement) with a notched trowel (No. 1) or with a roller, diluting the adhesive with water by 10-15%;
- b) to the back of the wall covering with a brush, diluted with water by approx. 30%.

### Installing the wall covering Follow the manufacturer's instructions for installation

If **Adesilex MT32** is applied to the wall, the wall covering must be installed sheet by sheet while staying within the open time of the adhesive, maximum 30 minutes.

If the **Adesilex MT32** is applied to the back of the wall covering, let it sit for approx. 10 to 20 minutes before applying it to the wall. The surface must be smoothed with a brush

or wooden trowel (or similar) immediately after installing, from the centre towards the edges, to provide complete contact and the elimination of any air bubbles.

### Cleaning

When still wet **Adesilex MT32** can be cleaned from wall coverings, tools, hands and clothing with water. When dry, use alcohol, or **Pulicol**.

### PACKAGING

**Adesilex MT32** is available in 20, 10, 5 and 1 kg buckets.

### COVERAGE

Coverage varies, depending on the evenness of the walls and the back of the wall covering.

No. 1 trowel:	from 200 to 250 g/m <sup>2</sup>
Roller:	approx. 200 g/m <sup>2</sup>
Brush:	approx. 150 g/m <sup>2</sup>

### STORAGE

Protect from frost during shipping and storage. Avoid prolonged exposure to temperatures below 0°C. In normal environments **Adesilex MT32** is stable for 12 months in its original sealed packaging.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Adesilex MT32** is not considered as dangerous according to the European regulation regarding the classification of preparations. It is however recommended to use gloves, eyes protection and to take the usual precaution taken when handling chemical products are recommended. The Safety Data Sheet is available upon request for professional users.

PRODUCT FOR PROFESSIONAL USE.

### WARNING

*Although the technical details and recommendations contained in this report 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](http://www.mapei.com)**

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