

Glicovil

Modified starch-based adhesive for all types of wall coatings

WHERE TO USE

Glicovil is suitable for bonding all kinds of paper-backed coating materials on walls

ON

all absorbent substrates normally used in the building industry, such as:

- cement render;
- lime-mortar render;
- gypsum and plasterboard.

TECHNICAL CHARACTERISTICS

Glicovil is a modified starch-based adhesive which is easy to apply. It is available in the form of small, white flakes which dissolve quickly in water.

Glicovil is easy to apply using a roller or trowel.

Glicovil is not inflammable and does not contain hazardous substances. No special precautions need to be taken for storage purposes, and it may be used without any risk to health.

RECOMMENDATIONS

- Do not use **Glicovil** if the temperature is lower than +10°C or higher than +35°C.
- Do not use **Glicovil** on walls subject to rising damp.
- Do not use **Glicovil** to bond waterproof coatings on non-absorbent substrates.

- Approximately 10% of **Livigum** or **Adesivil D3** must be added to the **Glicovil** mix when laying heavy wallpaper and fabrics or fabric-backed PVC.

- Remaining drops of **Glicovil** must not be removed using products which could damage the finish of the coating use a clean, damp cloth.

APPLICATION PROCEDURE

Preparation of the substrate

The surface must be dry, flat, absorbent, strong and free of rising damp, dust, loose parts and substances which may compromise bonding, such as paint, oil, etc.

Check the level of damp in the substrate, which must be according to the levels recommended by the manufacturer of the coating.

The level of damp must be a maximum of 2.5% to 3% in the case of cementitious render and concrete walls, and lower than 0.5% for gypsum-plaster.

When applying **Glicovil** on very absorbent and/or dusty surfaces, apply a coat of **Primer G** (diluted at a ratio of 1:1 to 1:3 in water, according to the absorbency of the substrate).

To even out the absorbency and block the dust, a coat of **Glicovil** mixed with water at a ratio of approximately 1:20 may be applied as an alternative to **Primer G**.

Smoothing the surface

If the substrate is not flat or if it is too rough, it must be smoothed over beforehand.

| TECHNICAL DATA (typical values) | |
|--|---|
| PRODUCT IDENTITY | |
| Consistency: | solid, in flake form |
| Colour: | ivory |
| Density (g/cm³): | 0.7 |
| pH: | 8.5 |
| Storage: | 12 months in its sealed, original packaging |
| Hazard classification according to EC 1999/45: | none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet |
| Customs class: | 3912 39 80 |
| APPLICATION DATA (at +23°C and 50% R.H.) | |
| Recommended application temperature range: | from +5°C to +30°C |
| Waiting time: | from 5 to 15 minutes |
| Open time: | maximum 30 minutes |
| FINAL PERFORMANCE | |
| Resistance to ageing: | excellent |
| Resistance to temperatures: | good |
| Resistance to humidity: | good |
| Resistance to mould: | good |

Plaster, plasterboard and cementitious render may be smoothed over using:

- **Planitex A** lime and gypsum-based white smoothing compound, for thicknesses up to 10 mm for each coat;
- **Planitop 560** lime-cement-based white smoothing compound for smooth finishes.

Layers of more than 3 mm may be applied on old cementitious render, tiles and concrete walls using **Nivoplan** smoothing mortar for walls. To improve bonding and the consistency of thin layers, add 1 to 2 kg of **Planicrete** for each sack. If gypsum-based smoothing compounds are applied on cementitious substrates, a coat of **Primer G** must be applied beforehand.

Preparation of the adhesive

Mix the water with a medium-speed drill

while quickly adding the contents of the sack.

Dilute **Glicovil** with approximately 5 to 7 l of water (the amount varies according to the weight of the coating).

| Wallpaper | Dosage | Yield |
|-----------------------|-------------|-----------|
| Prebonding | 8-10 litres | 70-80 m² |
| Medium-weight paper | 6-7 litres | 7 rolls |
| Heavy-weight paper | 5-6 litres | 6 rolls |
| Washables and fabrics | 4-5 litres | 4-5 rolls |

Let the product stand for 5 minutes and then mix again.

Glicovil is ready in 10-15 minutes.

Spreading the adhesive

Apply the adhesive evenly on the back of the coating using a notched trowel, brush or roller, making sure that there are no

lumps or other irregularities, starting from the centre and working towards the edges. Let it soak in for the time required: approx. 5-10 minutes (the time varies considerably according to the type of coating), and apply the coating.

Applying the coating

Measure the height of the wall (without the skirting board), transfer the same measurement onto the roll and add 5-10 cm for the final trimming operation. Mark out a vertical line using a plumb bob or laser levelling device, roll out the coating and lay it on the wall, starting from the top and working towards the bottom (line up the edges of the roll to the vertical line marked out on the wall). Make sure that the material is well massaged using a trowel to remove air bubbles and to guarantee good contact.

Lay on the successive rolls, laying each one next to the previous one, making sure that the edges match perfectly.

To remove traces of the borders between each roll, massage well with a small roller. When applying wallpaper with an embossed finish, use a roller or a dry cloth. In order to avoid damaging the embossed finish, the roller must be used by applying a light pressure.

Cleaning

Glicovil must be cleaned from the coating while it is still fresh using a slightly damp sponge, making sure to dry the surface with a clean, dry cloth.

PACKAGING

The product is available in 250 g sacks.

CONSUMPTION

From 40 to 80 g/m².

STORAGE

Glicovil remains stable for one year if stored in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Glicovil is not considered a dangerous substance according to current norms and regulations regarding the classification of preparations. However, the use of protective gloves and goggles and the application of the usual precautions taken when handling chemical products are recommended.

The Safety Data Sheet is available upon request for professional users.

PRODUCT FOR PROFESSIONAL USE.

WARNING

While the indications and guidelines contained above correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

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

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