

## ETICS Powder Adhesive 3550

Mineral adhesive and reinforcement plaster in the Brillux ETIC system



### Field of application

For use as adhesive and reinforcement plaster for ETICS hard foam, PUR and mineral wool insulation boards in the Brillux ETIC System.

### Properties

- Mineral adhesive and reinforcement plaster in powder form
- Good stability
- Long open time
- High water vapor permeability
- Excellent adhesion properties on mineral substrates and ETICS facade insulation boards
- Optimally designed for mechanical application
- In the system build-up, "schwerentflammbar B1" (flame-retardant) or "nichtbrennbar A2" (noncombustible) in accordance with DIN 4102.

### Material description

<b>Color shade</b>	White
<b>Base material</b>	Standardized mineral bonding agent
<b>Density</b>	Approx. 1.45 g/m <sup>3</sup>
<b>Packaging</b>	25 kg/bag 750 kg Big Bag for silo S 1600/S 5

## Use

<b>Water addition</b>	Approx. 6.0 liters of water per 25 kg bag. For cement-based materials, minor fluctuations in the water required can occur.
<b>Compatibility</b>	Do not mix with other types of materials, as otherwise the product-specific properties could be negatively affected.
<b>Mixing</b>	Mix ETICS Powder Adhesive 3550 with clean water (drinking water quality). Prepare ETICS Powder Adhesive 3550 and water to create a lump-free, paste-like mortar, using a powerful agitator (at least 900 Watts) and a right-handed spiral stirring rod (plaster spiral stirring rod) or continuous flow mixer. Stir the mortar again after a curing time of approx. 10 minutes. Apply the mortar manually with a stainless steel smoothing trowel or a suitable worm conveyor pump machine.
<b>Pot life (at +20°C)</b>	Depending on substrate and object parameters, the mixed material can be used for approx. 3-4 hours. Material that is already setting must not be returned to application consistency or thinned with water.
<b>Consumption (on smooth substrates)</b>	For gluing: With the edge-beading lump method: Approx. 4 kg/m <sup>2</sup> . With mechanical application to the substrate (60% partial area gluing): Approx. 6–7 kg/m <sup>2</sup> . With full-surface bonding (notched trowel 15 x 15 mm): Approx. 5.5 kg/m <sup>2</sup> . For reinforcement: Approx. 1.5 kg/m <sup>2</sup> /mm of layer thickness For ETICS hard foam insulation boards: Approx. 4.5 kg/m <sup>2</sup> For ETICS mineral wool and lamella insulation boards: Approx. 5 kg/m <sup>2</sup> For ceramic coverings and natural stone, at 5 mm layer thickness (two layers): Approx. 7.5 kg/m <sup>2</sup> Determine exact consumption by means of a test application on the object to be coated.
<b>Application temperature</b>	Do not apply at air and object temperatures below +5°C and above +30°C. These temperature limits must be complied with even during the curing time.
<b>Cleaning tools</b>	Clean tools immediately after use with water.

## Drying (+20°C, 65 % relative humidity)

Hydraulic and physical drying. Glued insulation boards can, depending on weather, be anchored and reinforced after approx. 3 days. Reinforced surfaces can be recoated after a curing time of approx. 3 days. Allow for longer drying time if the temperature is lower and/or the humidity is higher.

## Storage

Store in a cool, dry and frost-free place.  
Can be stored in the unopened original container for at least 9 months.

## Declaration

**Product code** ZP1.  
The information in the current Safety Data Sheet applies.

## Coating build-up

- Substrate preparation** The substrate must be clean, solid, dry, stable, load-bearing, with good adhesiveness, and free from efflorescence, sintered layers and separating agents. On smooth substrates, e.g., prefabricated concrete structures, we recommend performing a test application to assess the adhesion. The compatibility of any existing coatings with the adhesive mortar must be verified by an expert. See also VOB Part C, DIN 18345, Section 3.
- Gluing/reinforcement** Glue or reinforce the ETICS insulation boards in accordance with the information in the Data Sheet for the ETICS insulation boards to be processed and the respective system description.

## Notes

- Substrate unevennesses** Minor substrate unevennesses can be compensated with the adhesive.
- Mechanical application** For mechanical application, follow the instructions in the machine manufacturers' operation manuals.
- Further information** Follow the instructions on the product data sheets.

## Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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