

Proplast PS

Acrylic modified plaster for EPS/XPS insulation boards and moldings



DESCRIPTION

Proplast PS is a two-component, acrylic-modified plaster specially developed for coating EPS/XPS foam insulation boards and moldings during their manufacturing process.

Once Proplast PS cures, it forms an extremely durable and impact resistant surface over the foam boards, that does not require fiberglass mesh for reinforcement.

APPLICATIONS

Proplast PS is used to coat/plaster EPS/XPS insulation boards during their manufacturing process, and can be used in many indoor and outdoor applications, including ETICS/EIFS systems as well as coating of architectural foam shapes for residential and commercial construction.

ADVANTAGES

- » Durable with high impact resistance.
- » Improved bond strength
- » Easy to use and machine compatible
- » Weathering resistant
- » Low VOC
- » Non combustible.

METHOD OF USE

SUBSTRATE PREPARATION

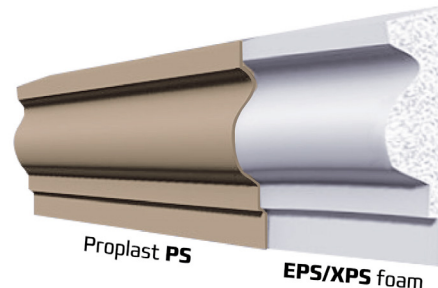
The substrate should be clean, dry and free from dirt, dust, debris or any other contaminant that could adversely affect the adhesion. All imperfections in the insulation boards should be smoothed flush and gaps should be filled.

MIXING

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. Add the liquid component of Proplast PS to a clean container.

The powder component is then added slowly to the liquid while mixing continuously with low-speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until a uniform consistency is obtained.

For foam coat application through machine, follow a similar procedure in the machine barrow where the powder is added to the liquid while it is in the mixing process.



TECHNICAL PROPERTIES:

Colour:	Brownish grey
Fresh wet density:	1.30 ± 0.05
Film forming time:	12 - 24 hr
Curing time:	72 hr
VOC:	≤ 50 g/ltr

APPLICATION

Apply Proplast PS over the whole surface of the insulation board with a thickness of 2 - 4 mm typically, or as per the requirement. Make sure to maintain a continuous application throughout the process.

CLEANING

All tools can be cleaned with water immediately after use, when material is still wet.

REMARKS

- » Make sure Proplast PS is fully dry before overcoating it with paint or finish coat.
- » Do not over mix the material.

Note: At elevated temperatures, there may be changes in the material's hardness. To reduce this effect, it is recommended to coat the material with Repcoat FF.



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PACKAGING

Proplast PS is supplied in 25 kg kit (20 kg powder and 5 kg liquid).

COVERAGE

Approximately 1.3 kg/m² to achieve 1 mm thickness.

STORAGE

Proplast PS has a shelf life of 12 months from date of manufacture if stored in dry conditions at temperatures between 5°C and 40°C in original unopened packs.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

CAUTIONS

HEALTH AND SAFETY

Care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

FIRE

Proplast PS is nonflammable.

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