

Proplast Classic

Highly modified, exterior grade cementitious decorative plaster with high mould, UV, weather, frost, impact and water resistance (Formerly known as Decoplast 101)



Description

Proplast Classic is a polymer modified cement wall finishing decorative plaster applied in up to 3 mm thickness.

Proplast Classic is supplied as a ready mixed blend of cement, well-graded aggregate, special polymers and hydrophobic additives which requires only the site addition of clean water to produce a consistent cementitious mortar for long-lasting aesthetic textured finishing of exterior facades and walls.

Applications

Proplast Classic is designed as a decorative wall finishing plaster to be applied up to 3 mm thickness on render and concrete walls to produce an artistic textured wall finish.

Advantages

- ▲ High mould resistance.
- ▲ High UV resistance.
- ▲ High weather resistance.
- ▲ Shrinkage controlled polymer modified plaster.
- ▲ Easy to apply, one component, requires only addition of water.
- ▲ Excellent bonding.
- ▲ Suitable for internal and external applications.
- ▲ Available in many colours.

Method of Use

Surface Preparation

Substrate must be clean and free from oil, grease, dust and laitance.

Priming

Normally, no independent primer is needed prior to applying Proplast Classic. However, surfaces should be soaked with clean water to reach a saturated surface dry condition. All excess water should be removed prior to applying Proplast Classic.

When applying the product over smooth substrates such as fairfaced concrete, it is recommended to use a polymer modified resin based primer such as Proplast Contact Primer in order to enhance the bond strength between Proplast Classic and the smooth substrates.

Technical Properties @ 25°C:

The following results were obtained at a water : powder ratio of 0.2 by weight.

Fresh wet density:	1.75 ± 0.1 g/cm ³
Working time:	≈ 1.5 – 2 hr
Compressive strength: (wet cure) ASTM C109/109M-02	≥ 7.5 MPa @ 28 days
Minimum application temperature:	5°C
Maximum aggregate size:	1 mm
VOC:	< 10 g/ltr

Proplast Classic should be applied after 24 hours after the Proplast Contact Primer dries.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

5.0 – 5.5 litres of clean water should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until uniform consistency is obtained.

Water addition may vary slightly according to both the ambient temperature and the desired consistency of the mix, but it should not exceed 5.5 litre.

Application

Proplast Classic should be applied using a steel trowel or hopper spray gun. Apply the mixed Proplast Classic to the prepared substrate up to 3 mm thickness and allow to partially set before finally troweling to a smooth finish.

After the initial setting time -usually 2 to 3 hours at normal conditions- it is highly recommended to apply 2 coats of Setseal A over the finished surfaces.

Beside its efficiency as a curing compound, Setseal A works as a sealer and protective coat for Proplast Classic against efflorescence.



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Setseal A can slightly deepen the colour of the decorative plaster and provide a semi-gloss finishing. If matt finishing is required, two coats of Repelicone L can be used instead of Setseal A.

Note: Traditional curing by water will encourage the appearance of efflorescence and cause some colour variation especially when dark colours are used.

Cleaning

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

Packaging

Proplast Classic is available in 25 kg bags.

Yield

Approximately 17 litres/ 25 kg bag.

Storage

Proplast Classic has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C in original unopened bags.

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

Cautions

Health and Safety

Proplast Classic may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data Sheet.

Fire

Proplast Classic is nonflammable.

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Note:

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