



PRIME AND SEAL

PRODUCT DESCRIPTION

PRIME AND SEAL / Water-base Plaster Primer has been specifically developed using an Acrylic co-polymer emulsion. Thus making it suitable for concrete, cement plaster, fibre cement, gypsum plaster both in raw and primed state.

PRODUCT FEATURES

- * Excellent adhesion to well prepared substrates.
- * Durable.
- * Good weather resistant.
- * Excellent water repellent ability.

TECHNICAL INFORMATION

Colour: White and can be tinted pastel colours.
 Appearance: Matt finish.
 Generic type: Acrylic - co-polymer emulsion.
 Total solids: 50 - 51 %
 Volume Solids: ±38%
 S.G.: 1.30 - 1.32
 Viscosity: 98 -104 Ku.
 Spreading rate: 6 - 8 m²/litre depending on substrate.
 Solvent: Water
 Opacity: 90% at 125µm wet film
 Recommended DFT: 50µm per coat minimum 2 coats

SURFACE PREPARATION

All surfaces are to be clean, dry, sound, free of oil, dirt, grease, rust and old flaking paint. Should the substrate be powdery or weak. It is recommended to remove as much as possible of the loose or powdery surface, with wire brush or sand paper. Then seal the substrate with a least one coat of O'Grady Bonding Liquid.

APPLICATION

Stir contents thoroughly, use as supplied. Do not dilute. 2 coats of 50µ each are recommended for optimum results.

- Airless spray: Not recommended.
- Conventional spray: Not recommended.
- Brush and Roller: Suitable as supplied. Do not dilute.
- Clean up: Do not allow to dry on or in equipment, wash immediately with water.

ENVIRONMENT

It is recommended that application be confined to the following:

- Surface temperature: 15°C minimum 40°C maximum
- Ambient temperature: 15°C minimum 40°C maximum
- Relative humidity: 0% - 85% or at least 3°C above Dew point.

At no time should Prime and Seal be applied out doors in inclement weather or before 9 am and after 2 pm in winter as this can result in paint failure. (pigment wash out and white spotting)

Do not leave the container open, as a skin quickly forms on the surface of the paint.

DRYING TIME

Drying time is dependent on film thickness, temperature and ventilation. The thicker the film, lower the temperature and less the ventilation the slower the drying time.

Substrate Temp	Touch Dry	Hard Dry
15° C	3 hours	12 hours
20° C	1 hour	8 hours
25° C	¾ hour	4 hours
30° C	½ hour	2 hours

OVERCOATING TIMES

- 15° C: 10 hours
- 20° C: 6 hours
- 25° C: 2 hours
- 30° C: 1 hour

It is important to note that although the coating is considered hard dry as stated above it is not washable until at least 4 days @ 25°C and much longer at lower temperatures.

LIMITATIONS

Temperatures below 15°C can result in failure, we therefore do not recommend painting in sustained cold conditions. Avoid wet conditions and wet substrates.

STORAGE AND HANDLING.

Store under cover in a cool dry area, away from direct sunlight, heat sources and severe cold. Shelf Life: 1 year in original sealed container.

SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however remove as soon as possible with soap and water. Avoid ingestion and contact with eyes. If ingested seek medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse well with water and seek medical attention. Do not smoke when painting. Ensure good ventilation during painting and drying. **KEEP OUT OF REACH OF CHILDREN.** Issue date: January 2014.

Information Provided is based on Laboratory evaluations and data believed to be reliable. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use. It is not to be considered a guarantee of the products properties.

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