



# PRIME AND SEAL

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## PRODUCT DESCRIPTION

PRIME AND SEAL A Hybrid Primer, Sealer and Undercoat all in one. Developed using pure Acrylic polymers. Thus making it suitable for concrete, cement plaster, fibre cement, gypsum plaster all in raw, primed and previously painted state.

## PRODUCT FEATURES

- \* Excellent adhesion to well prepared substrates.
- \* Durable.
- \* Good weather resistant.
- \* Excellent water repellent ability.
- \* Quick drying (providing quicker over coating time)

## TECHNICAL INFORMATION

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

## SURFACE PREPARATION

All surfaces are to be clean, dry, sound, free of oil, dirt, grease 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, remove cleaning debris with brush. Then seal the surface with one coat of O'Grady Prime and Seal.

## APPLICATION

Stir contents thoroughly, use as supplied. Do not dilute. 1 coat of 50µm DFT is all that is necessary 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. **In the event of delay in clean up a small amount of Mineral Turpentine will assist, after washing with water.**

## ENVIRONMENT

It is recommended that application be confined to the following environmental conditions:

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 10°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, off the floor 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.**

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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