

OASIS ACRYLIC PRIMER

PRODUCT DESCRIPTION

Oasis Acrylic Primer is a water-based, alkali-resistant, high quality special acrylic emulsion primer for masonry and plaster surfaces. It has good penetrating and adhesion properties, and provides a good anchor to the subsequent coats.

RECOMMENDED USE

Oasis Acrylic Primer is recommended for the interior and exterior masonry application on concrete, plaster and cement/ brick blocks. It can also be used on wood, asbestos and gypsum.

PHYSICAL PROPERTIES

Pack Size: 1 Litre, 3.6 Litres & 18 Litres, 1USG, 5USG

Colours: White (pastel shades are possible for large requirements)

Solids by Volume: 36 ± 2%

VOC: <10gms per litre

Specific Gravity: 1.36 ± 0.03

Finish: Smooth Matt

APPLICATION DATA

The product can be applied by:

Roller: Recommended

Brush: Recommended

Spray: Airless or Conventional

Guiding data for airless spray:

Nozzle Tip: 0.021-0.027"

Spray Angle: 65 to 80 Degrees

Pressure at Nozzle: 140 - 190 kg/cm² (2100 psi)

Cleaning of painting tools:

Water

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Film thickness per coat:

Typical recommended range:

Dry film thickness: 85-130 µm

Wet film thickness: 154-236µm

Film thickness will vary on the actual surface, and is calculated as average.

Theoretical spreading rate: 6.5-4.2 m²/l.

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa. Also, the losses due to the above factors should be considered for achieving the practical coverage.

Thinner: Potable Sweet Water

Dilution: 0% to 10%

Conditions during application:

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying time (single coat at standard thickness):

Drying time will vary according to temperature, humidity and film thickness and will be affected accordingly e.g. the drying times quoted will be significantly longer in cold, damp conditions.



Surface Dry

3 hour



Recoat Interval

8 - 16hours



Full Dry

24 - 48 hours

The given data is meant to be considered as guidelines only. The actual drying time before recoat may vary according to the atmospheric conditions at site.

DIRECTIONS FOR USE

Surface preparation

The surfaces must be clean, completely dry and free from defects, oil, wax, grease and dust. Any chalking or any loose flaking material must be removed by scraping or brushing with a stiff bristle brush. Use a suitable crack filler for smaller cracks and holes. Cracks to be opened properly along the line with a V-shaped groove with a minimum width of 5mm & a depth of minimum 1cm. After the surface is prepared, a suitable sealer can be applied if deemed necessary. Any moisture seepage to be arrested using suitable waterproofing material before application of the coating system.

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Application

- Stir thoroughly before use.
- Use a brush, roller or spray.
- Ready to use
- Avoid painting in direct sunlight.
- Store the paint in a cool, dry place.
- Thinned paint shall not be stored for more than 24 hours.

Recommended System

Primer

Oasis Acrylic Primer: 1 Coat

Filler (only if required and to be sealed with acrylic primer)

Oasis Stucco or Oasis Exterior stucco: 1 to 2 Coats if required for smoothening without exceeding 300 microns/coat.

Topcoat

Interior: Oasis Trumastic Products: 2 Coats

Exterior: Oasis Trushield Products: 2 Coats

For dark or deep shades 1 or 2 additional coats may be required to achieve the desired colour & finish.

The above system is recommended for fresh concrete surfaces. For repainting surfaces, please note that the performance of the coating system depends on the condition of the existing painted surface.

All loose coating to be removed and the recommended surface preparation to be followed. If required, a suitable primer and exterior stucco can be applied for minor low thickness smoothening requirements. Any major undulations to be rectified with recommended cementitious plastering or fairing coats. To avoid delamination due to mechanical damage, it is advisable for exterior stucco to be sealed with 1 coat of Oasis Acrylic Primer prior to top coat application.

For chalky surfaces, apply 1 or 2 coats of the penetrating sealer before the recommended coating system application.

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HEALTH, SAFETY & ENVIRONMENT

- Keep away from children.
- If swallowed, seek immediate medical advice.
- Avoid eye and skin contact.
- Do not empty into drains.
- Ensure good ventilation during application and drying.

Dry sanding of the paint film will give rise to dust and/or hazardous fumes. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

For disposal requirements and other safety precautions, kindly refer to the MSDS (Material Safety Datasheet).

DISCLAIMER

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