

MAXSHIELD

High Performance Pure Acrylic Paint for Exterior Use.

PRODUCT DESCRIPTION

MaxShield is a high performance paint specially formulated to deliver superior weather protection and durability to exterior walls. It is a 100% acrylic water-based emulsion, suitable for masonry surfaces which are appropriately primed.

RECOMMENDED USE

MaxShield is a superior exterior wall paint, engineered specifically for the demanding conditions of the Middle East climate. Ideal for both commercial buildings and residential villas, this durable formula offers exceptional resistance to the harsh sun and extreme weather, ensuring long-lasting protection and beauty for exterior surfaces.

PHYSICAL PROPERTIES

Pack Size: 900ml, 3.6L and 18L

Colours: White (can be tinted as per manufacturer's colour collection, listed in the paint database)

Solids by Volume: 43 ± 2%

VOC: <30gms per litre

Finish: Matt

Specific Gravity: 1.27 ± 0.03 g/cc

Shelf Life: 2 years

CERTIFICATES AND TEST REPORTS

Free of Heavy Metals | Test Method- WL-IP-028

MAXSHIELD

APPLICATION DATA

The product can be applied by:

Roller: Recommended

Brush: Recommended

Spray: Recommended

Cleaning of painting tools:

Water

Film thickness per coat:

Typical recommended range:

Dry film thickness: 35-45 μm

Wet film thickness: 80-105 μm

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

Theoretical spreading rate: 9.5-12.3 m^2/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: Clean Water

Dilution: 10% maximum (depending on the surface requirement)

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
2-3 hours



Recoat Interval
5 hours



Full Dry
24 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.

MAXSHIELD

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 and 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.

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

Oasis Exterior Stucco: 1 to 2 Coats if required for smoothening without exceeding 150 microns/coat.

Topcoat

MaxShield: 2 Coats

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 stucco can be applied. To avoid delamination due to mechanical damage, it is advisable for stucco to be sealed with 1 coat of Oasis Acrylic Primer prior to topcoat application.

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

MAXSHIELD

STORAGE

Store the product in a shaded area, away from direct sunlight. Keep containers in a dry, cool, and well-ventilated space, away from heat sources and ignition points. Ensure containers remain tightly sealed and unopened until use. Handle with care to maintain product integrity.

HEALTH, SAFETY and 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

The information in this document is given to the best of Al Gurg Paints' knowledge, based on laboratory testing and practical experience. All "Al Gurg Paints" products are considered as semi-finished goods and as such, products are often used under conditions beyond Al Gurg Paints' control. Al Gurg Paints cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Al Gurg Paints reserves the right to change the given data without further notice. Users should always consult Al Gurg Paints for specific guidance on the general suitability of this product for their needs and specific application practices.