

Aquashield Topcoat

Elastomeric Silk Finish



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PRODUCT DESCRIPTION

Aquashield Topcoat is a superior quality, special modified acrylic based emulsion paint with an advanced crack tolerance resin system that can withstand hairline cracks which develop on plastered walls. Aquashield Topcoat emulsion paint is tested to bridge hair line cracks upto 0.4mm. It has excellent flow properties and washability. Aquashield Topcoat has very good opacity and leveling thereby creating a high-class finish. Aquashield Topcoat also offers high resistance against Bacterial and fungal growth on interior walls.

RECOMMENDED USE

Most suitable for both external and internal use on cement plastered walls, ceilings, concrete, rendered block work, gypsum board partitions etc.

FILM THICKNESS AND SPREADING RATE

	Minimum	Maximum	Typical
Film thickness, dry (μm)	40	60	50
Film thickness, wet (μm)	105	160	130
Theoretical spreading rate (m^2/l)	9.5	6.3	7.6

PHYSICAL PROPERTIES

Colour	Patsa colour range
Solids (vol %)*	50 \pm 2

SURFACE PREPARATION

The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing.

OTHER SURFACES

The coating may be used on other substrates. Please contact PATSA office for more information.

CONDITION DURING APPLICATION

The temperature of the substrate should be min. 10°C and min. 3C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

APPLICATION METHODS

Spray	Airless or conventional spray.
Brush	Recommended.
Roller	Recommended.

APPLICATION DATA

Mixing ratio (volume) Single pack.

Thinner / Cleaner Aquashield Topcoat is ready to use product, dilution is not recommended. Water to be used in small quantities only for moistening and cleaning of painters tools.

Note Aquashield Topcoat must be applied in two undiluted coats at minimum 50 microns (Dry Film Thickness) per coat on surfaces prepared with Aquashield Primer over Aquafill. Aquashield Topcoat requires a total paint film Dry Film Thickness of 100 microns or higher to achieve the required elasticity on internal plastered walls. Masking tape must be removed while the paint film is still wet.

DRYING TIME

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- Good ventilation (Outdoor exposure or free circulation of air)
- Typical film thickness
- One coat on top of inert substrate
- Relative humidity 70%

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Substrate temperature	10°C	23°C	40°C
Surface dry	12 h	6 h	2 h
Through dry	16 h	8 h	4 h
Dry to recoat, minimum ¹	12 h	6 h	2 h
Dry to recoat, maximum ^{2,3}			

1. Recommended data given for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

TYPICAL PAINT SYSTEM

Interior

Aquaprime	1 Coat
Aquafill	2 Coats
Aquashield Topcoat	2 Coats

It may be necessary to apply a coat of Aquashield Primer after Stucco in certain circumstances.

Please refer to the Decorative Sales Department for technical advice. Other systems may be specified, depending on area of use

STORAGE

The product must be stored in accordance with national regulations. The product must be kept in a cool and well-

ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.

HANDLING

Handle with care. Stir well before use.

PACKING SIZE

5 liters and 16 liters.

Packing may vary from country to country according to local requirements.

HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.