



Polymers... beyond imagination

AQUASHIELD

Product description

AQUASHIELD is High performance water repellent based on specialty “**Grafted Copolymer Technology**” specially developed for concrete surfaces.

Product highlights

- Single pack; Ready to use System
- Excellent water repellency
- Excellent antistatic properties
- Low water vapor permeability
- Excellent resistance to moss and fungus
- Tough & Scratch proof
- Excellent resistance to U.V Radiation.
- Excellent anti-carbonation properties
- Available in all desired color shades
- Resistance to oil stains/graffiti
- Available in all standard colour shades as well as in clear shade

Advantages

- Easy to apply by Brush & conventional spray techniques.
- Easy to clean with water/Soap water
- Quick & Convenient
- Considerable reduction in painting time.
- Self-priming –No primer needed

Benefits

- Superior Performance/long life
- Saves cost as compared to conventional painting systems
- Reduces the delivery period due to fast & short painting process.
- Saves Manpower & Time.

Applications

On external concrete wall surfaces.



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Application properties

Touch Dry	15 minutes
Re-coatable	20 minutes
Hard Dry	24 hours
Coverage	50-60 sq. ft. per liter per coat(Flat Area)
Dry Film Thickness	35-40 microns / per coat
Application Method	Conventional Spray/ Brush Technique
Surface Requirement	Free from dust & any other Foreign Deposits.

Surface conditions

- Temperature of the substrate – Minimum 3°C above the dew point of the air temperature
- Relative humidity – Maximum 80 % measured in the vicinity of the substrate.
- Ventilation - Good ventilation is required in confined areas

Application methods

Spray - Use Airless Spray or Air Assisted Spray

Brush - Recommended for stripe coating and small areas, care must be taken to achieve the specified dry film thickness.

Roller - May be used for small areas, however when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.

Application data

- Mixing ratio - Single Pack System. (No Mixing of Two Components)
- Pot life - Not Applicable. No Pot Life (Can be used for six months after opening the Container)

Guiding data airless spray

- Pressure at nozzle - 15 MPa (150 kg/cm², 2100 psi)
- Nozzle tip - 0.43-0.79 mm (0.017-0.031") Suitable
- Spray angle - 40-80°

Filter Check to ensure that filters are clean.



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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) *

Substrate temperature	-10°C	0°C	10°C	23°C	40°C
Surface dry (dry to handle)	30 min	25min	20 min	15 min	10 min
Hard dry	24 hours				
Dry to recoat, minimum	30 minutes minimum (for testing purpose- 24 hrs)				

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

20 liters Metal Containers

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 can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

ISSUED ON 14 NOVEMBER 2019 BY SK FORMULATIONS INDIA PVT.LTD.

THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.

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