



PAS - Seal

Water Repellent Coating

Description

SPARTAN PAS-Seal is a clear transparent liquid, based on polyoxo-aluminium stearate designed to penetrate the minute pores and capillaries of rigid substrate. The molecular structure of SPARTAN PAS-Seal ensures a water repellency film rather than a complete sealing of the surface.

Uses

- As an effective water repellent on surfaces of brick, stucco, concrete, precast concrete and stone.
- To form an entrenched impregnable barrier against driving rain and damage from saturation.
- To form an impregnation barrier at the back of marble and granite against migration of stains during the hydration process.
- Can be safely applied to delicately tinted rough casted surface without discolouration.
- Use for prevention of external penetrating dampness in walls.

Technical Data

Colour	Clear transparent
Specific gravity @30°C	Approx. 0.9
Viscosity @30°C	Approx. 0.3 poise
Flash point	39°C minimum
Staining resistance (Methylene blue, potassium)	Non staining after removal with detergent

Advantages

- Ready to use from the can.
- No dilution required which ensures quality products.
- Easily applied by brush, roller or spray.
- Coating itself is colourless.
- The surface treated can still breathe.
- Reduce heat loss caused by ingress of water.
- Minimise the absorption of soot and dirt.
- Reduce maintenance cost.
- Prolonging the useful life and appearance of concrete.
- Protect surface from spalling, cracking, disintegration.
- Reduce the appear of efflorescence.



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Surface Preparation and Application

All surfaces must be dry, clean and free from dirt, dust, oil, grease, wax, paint, curing compounds or any other loose contaminating materials.

PAS-Seal is applied directly from the can using a roller, brush, or suitable spray equipment. Soaking method may be adopted for certain type of stones. When applying by brush or roller, a minimum of 2 coats is recommended to ensure a continuous film. When spraying, low pressure gun should be used and face respirator worn.

Allow the first coat to dry between 6-8 hours before applying the second coats.

For installation of granite or marble after application of SPARTAN PAS-Seal, it is recommended to leave the treated surface to dry for at least 4 to 6 hours. When applying on top surface of marble/granite, buffing is followed the next day to remove residue.

Always apply the material from top to bottom. Painted woodwork and plants should be protected when application of SPARTAN PAS-Seal is in progress. This can be done by using a cloth, canvas or polythelene sheet.

Note: Do not apply where severe or continuous efflorescence is encountered. To allow soluble salts time to come out, totally new masonry surface should be allowed to weather for one year before applying SPARTAN PAS-Seal.

Coverage

On good concrete or precast surface -
approx 2 - 8m²/litre/coat

On granite, marble or stone surface -
approx 9 -12m²/litre/coat

Shelf Life

Shelf life at least 12 months in unopened containers stored in a cool, dry place.

Cleaning

Use mineral turpentine to clean up.

Health and Safety

This product is FLAMMABLE. Store in a dry place away from open fire, stoves and heaters. Keep lid firmly closed when storing product or when not in use.

Wear suitable protective clothing, gloves, mask and goggles when handling the product. Do not smoke.

Avoid contact with eyes and skin. Avoid breathing its vapour and ensure adequate ventilation.