

ADVA REPELLENT (WB)

DESCRIPTION

ADVA REPELLENT (W.B.) is a silane-siloxane mixture in water-based emulsion having excellent capillary penetrations and adhesion to concrete, natural stones, plaster, gypsum board etc. This enhances a uniform coating to all capillaries and improves the toughness with excellent water repellency and salt resistance. It is an inorganic transparent matt clear coating for mineral substrate protection. It contains anti-fungal and anti-bacterial additives.

USES

- ▶ It is a factual selection to provide excellent water resistance to concrete, natural stones, gypsum board etc. without any change in original colour and appearance.
- ▶ The dry film is hydrophobic in nature and is used also for the impregnation of construction blocks to improve toughness and salt resistance in the construction field.

ADVANTAGES

- ▶ Excellent and rapid development of water repellency.
- ▶ Prevents re-icing salts into the capillaries of substrates.
- ▶ Excellent penetration and adhesion to mineral substrates.
- ▶ No tack retaining after dry.
- ▶ No change in original colour and appearance.
- ▶ Water based
- ▶ Low VOC

SPECIFICATION

The total dry film thickness of the coating shall be a minimum of 400 microns and shall have a compressive strength of 70 N/ mm², flexural strength of 40 N/mm² and tensile strength of 20 N/mm². The floor shall be prepared and the coating mixed and applied in accordance with the manufacturer's current data sheet.

APPLICATION

Surface Preparation

Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by using brush or spray.

RECOMMENDED SYSTEM

Apply one coat of ADVA REPELLENT (W.B.) allow to dry. If required additional coats can also be applied, depending on the nature and porosity of surface. It can also be applied on any existing water based painted surface to make it water repellent.

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)

Touch Dry: 5-15 minutes

Full Dry: 24 hours

COVERAGE

Depends on surface penetration.



ADVA REPELLENT (WB)



HEALTH & SAFETY

As with all Chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes immediately with fresh water. Should any of the products be accidentally swallowed, do not induce vomiting call for medical assistance immediately. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

CLEANING

ADVA REPELLENT (W.B.) maybe cleaned off the tools with plain water before drying.

TECHNICAL SPECIFICATIONS

Color	Slightly Hazy Clear
Odor	Nil
Penetration	2-3mm (depends on surface)
Specific Gravity	1.00 ± 0.03
Recommended DFT (Dry Film) (depends on surface)	Approximately 5-10microns/coat
Recommended WFT (Wet Film)	Depends on surface porosity
Flash Point	Water Base
Packing	5liter and 20liter
Shelf Life@ 30°C	12 months, in original sealed container, with proper storage conditions.

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



Al Mutathawir Insulation Materials Industries L.L.C.
T: +971 6 5345585 | F: +971 6 5347717
E: info@aim-insu.com | W: www.aim-insu.com
P.O. Box: 22704, Sharjah-UAE