

Technical Data Primers and Ancillaries

Value Wall Guard

Product Description

A high performance two pack solvent based epoxy sealer specially designed to eliminate or prolong efflorescence on concrete walls. In addition this sealer has excellent adhesion over damp walls and is ideal to protect the concrete walls from efflorescence.

Recommended Areas of Application

Area of Use : As a high performance treating sealer for concrete walls
Interior and Exterior concrete/plaster walls.

Technical Data

Finish : Clear Gloss
Volume Solids : 55%(Based on ASTM D 2697)

Typical Dry Film Thickness	Wet Film Thickness	Theoretical Coverage
50 microns	100 microns	10.00 m ² /Ltr @ 50 microns DFT

Practical Covering Capacity : However the practical coverage depends on extent of the efflorescence and undulation on the wall.

Drying time	Substrate Temperature	Touch Dry	Hard Dry	Recoating Interval		Pot Life
				Minimum	Maximum	
	25°C	4 hours	18 hours	36 hours	Indefinite	2.5 hours
	35°C	2 hours	16 hours	16 hours	Indefinite	2 hours
	45°C	1 hours	14 hours	8 hours	Indefinite	1 hours
No. of Components				Two		
Mixing Ratio				3 parts base to 1 part hardner(by volume)		
Application Condition				Do not apply this product if the relative humidity exceeds 95% or if the substrate temperature is within 3°C of the dew points		

Application Data

Airless Spray	: This is a possible method of application. Maximum 10% thinner may be added. Tip size: 0.38-0.48 mm(0.015-0.019 in) Pressure 110-160 kg/cm ² (1600-2300psi).
Conventional Spray	: This is also a possible method of application. Tip size: 1.8 mm- 2.2 mm(0.071-0.087 mm) Pressure: 40-50 psi(2.75-3.4) kg/cm ² Maximum 15% thinner may be added.

Additional Information

Thinner/Cleaning solvent	: Solvalux 7-45
Storage Instruction	: Store in a cool shaded dry area
Flash Point	: Mixed less than 20°C
Packaging	: 1 ltr.
Shelf Life	: 24 months from the date of manufacture

Surface Preparation & Application

- Remove the white powdery material from the surface of the wall infected with efflorescence.
- Always mix full quantity of base & hardener. Do not mix part quantity.
- Mix the base & hardener well for atleast 1 minute.
- Use nylon brush or roller recommended for application of solvent based material. Do note use emulsion roller.
- Sand the surface using emery paper no.320 or lower. Wipe the surface clean with cloth and remove loose dust.
- Take the mixed material and apply minimum of 2-3 coats with inter-coating interval 10-15 minutes.
- Apply uniformly taking care of sags and runs. Make sure the material is pushed through the pores, cracks and crevices of the wall.
- Use the mixed material within 40 minutes of mixing.
- Do note use the material after 40-45 minutes even if it is in liquid state.
- Allow Value Wall Guard to dry for at least 8 hours prior to application of Value Dry Stucco.
- Sand the surface of Value Wall Guard to create profile for proper application of Value Dry Stucco using emery paper no.320 or lower.
- Post drying, wet the surface liberally with water and then apply 2-3 coats of Value Dry Stucco as recommended.
- Allow enough ventilation and wear proper PPE while using Value Wall Guard.

Product Use Instructions

- Should not be applied thick coating and should not be left without over coating.
- Multiple coats may be required to achieve complete ceiling property.

Storage, Safety Information And Precautions

- This product is flammable. Keep away from sources of ignition. Do note smoke. Take precautionary measures against static discharge. In case of fire-blanket flames with foam, carbon dioxide or dry chemicals.

- Refer to MSDS for further information.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

First-Aid

- Eyes : In the event of accidental splashes, flush eyes with water immediately and obtain medical advice.
- Skin : Wash skin thoroughly with soap and water, or with an approved industrial cleaner. Do not use solvents.
- Inhalation: Move patient to fresh air, loosen collar and keep patient rested.
- Ingestion : Do not induce vomiting. Obtain immediate medical attention.
- Shelf life up to 24 months.

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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