

Technical Data Architecture Coatings

Weathercoat Stoneshield

Product Description

Weathercoat Stone shield is a water thinnable textured coating containing high quality quartz aggregates and coloured quartz chips which give an excellent natural engraved look with a high level of aesthetic appeal. In addition this product is based on a pure and 100% acrylic binder along with reinforced quartz chips as mentioned above. In combination with Weathercoat Stoneshield Primary and Weathercoat Stoneshield Glaze Coat, it provides the following benefits:

- Excellent adhesion to the masonry substrate.
- Low maintenance costs.
- Resistance to environmental pollutant and chemicals.
- Environment friendly.
- Excellent reduction in water absorption.

Recommended Areas of Application

Area of use : Interior and Exterior
Substrate : Concrete, Plaster and Masonry.

Technical Data

Sheen Variants : Fine to heavy texture as per customer choice.
Colours : Wide range as per availability of silica stones.

Theoretical Covering Capacity	Theoretical Spread rate (kg/m ²)	
	Minimum	3 kg/m ²
	Maximum	5 kg/m ²
	Typical	4 kg/m ²

Practical Covering Capacity : For estimation of practical covering capacity, following factors to be taken into account: surface profile, uneven application, over spray, losses in container and equipment etc.

Drying time	Substrate temp.	Touch dry	Overcoating Interval	
			Minimum	Maximum
	20 °c	1 ½ hours	24 hours	Indefinite
	35 °c	1 hour	18 hours	
	45 °c	½ hour	16 hours	

Application Data

Method of application : Roller or brush

Thinner : Sweet water

Thinning ratio (by vol.) : Use 5% to 10% sweet water for ease of application

Surface Preparation

The performance of this coating is directly related to the degree of surface preparation.

- Ensure surface is clean, dry and free from all contaminants.
- Surface must be sound and free from laitance.
- Remove laitance by wire brush or sweep blast.

Applications Details

Apply 1 coat of Weathercoat Stoneshield Primary Coat.

Size and shape of the stone block is to be decided considering the building design and also the availability of stone. Apply secondary coat of Weathercoat Stoneshield with specially designed gun to get rough or smooth finish.

Allow to dry overnight.

Apply 1-2 coats of Weathercoat Stoneshield Glaze Coat.

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 85% and condensation is likely.
- Surface temperature should be 3°C or more above dew point.
- Stir the contents thoroughly before and during use, with a broad flat stirrer, using an upward lifting action.

TYPICAL PAINT SYSTEM

Concrete and Plastered Surface

1 coat x Weathercoat stoneshield primary coat / As recommended by Berger paints

2 coats x Weathercoat Stoneshield Secondary Coat

1or 2 coats x Weathercoat Stoneshield Glaze Coat

For alternate system suggestion please contact Sales Representative

Storage, Safety Information And Precautions

- Keep out of reach of children.
- Store in cool, dry conditions; ensure adequate ventilation during application.
- Avoid contact with skin and eyes; wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Shelf life up to 24 month is from the date of manufacture.
- Flash Point: NA

First-Aid

- Eyes: In the event of accidental splashes, flush eyes immediately with warm water 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.
- Dispose in landfill only.

Disclaimer

The information provided in this data sheet is not intended to be complete. It is the responsibility of the user to ensure that the product used is suitable for the purpose it is meant to serve. In view of various factors affecting the performance of the coating, we cannot assume responsibility for the product performance, nor do we accept any liability arising from use of this product, unless specifically agreed to in writing by us. The information provided in the data sheet may be modified by us without notice.

This Technical Data Sheet supersedes those previously issued with immediate effect