

Technical Data Architecture Coatings

WEATHERCOAT ULTRA

Product Description

Berger's Weathercoat Ultra is a high performance elastomeric water-based coating formulated based on pure and 100% acrylic emulsion and light and weather fast pigments, superior fine quality quartz chips. It has excellent exterior durability and effectively fights against Fungal and Bacterial attack. Its superior elastic property effectively bridges cracks on the wall and gives a seamless long lasting finish coupled with good anti-carbonation effect. Further it has high SRI value and keeps the interiors of buildings cool.

- Outstanding exterior durability
- Low toxicity and odor
 - Superior flexibility across a broad temperature range
 - Breathing capability which prevents moisture accumulation in walls
 - Good resistance against dirt pick-up
 - Friendly to environment
 - High SRI Value

This product is part of the certified anti carbonation system and tested for Elongation, UV resistance, Water absorption, Crack-bridging, abrasion resistance by independent agency which are available on request.

Recommended Areas of Application

- Area of use** : Interior & Exterior
Substrate : Concrete and brick walls, Plastered surfaces and Masonry surfaces.

Technical Data

- Sheen Variants** : Matt & Silk
Colours : Limited range, including white
Volume Solids : 39 % ± 2%

Theoretical Covering Capacity	Recommended Dry Film Thickness per coat		Theoretical Spread rate
	Minimum	30 microns	13.00 m2/ Liter
Maximum	50 microns	7.80 m2/ Liter	
Typical	40 microns	9.75 m2/ Liter	

- 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
	25 °c	2 hours	8 hours	Indefinite
	35 °c	1 hour	4 hours	
	45 °c	0.5 hours	2 hours	

Application Data

Method of application : This is the recommended method of application. Thin the material with max 3 - 5% fresh water and apply using roller. Apply uniformly with even merging between coats

Brush : This is also useful method. However the uniformity of finish may differ with this application. This is recommended for edges where roller cannot go.

Airless spray : This method also can be used for large area application. For details contact Sales person from Berger Paints Emirates Limited.

Thinner : Fresh Water

Thinning ratio (by vol.) : Maximum 10% dilution

Surface Preparation

- The performance of this coating is directly related to the degree of surface preparation.
- The surface to be coated must be clean, dry and free from all loose extraneous materials (e.g., loose paints, dust, etc.) Remove all loose materials with a high pressure wash.
- If fungus is present, first treat with Berger Fungicidal Wash. Leave for 24 hours, then rinse and scrape away all fungus. For internal walls, wipe thoroughly with a damp cloth.
- If grease is present, clean using a mild detergent or solvent and rinse thoroughly with fresh water to ensure complete removal of the grease and the detergent.
- If over coating an existing coating, scrape all flaking, peeling or loose material back to a firm edge.
- For new concrete substrates, ensure that it is completely cured prior to the application of a sealer. Moisture content should be below 6% when measure on the Sovereign Moisture Meter.
- The substrate must be sealed with suitable primer as suggested by Berger Paints Emirates Limited prior to the application of this product.

Applications Details

- Not suitable for immersed condition
- 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.

For alternative system suggestions please contact Berger Sales Representative.

TYPICAL PAINT SYSTEM

CONCRETE/PLASTERED WALL

- 1 Coat X Weathercoat AR Primer/ AR Primer / Tuff AR Primer / As recommended
- 2 Coats x Weathercoat Ultra - Silk/Matt

For Chalky Surface

- 1 or 2 Coats of Plastaseal Penetrating sealer
- Followed by Recommended coating system as proposed by Berger Paints

Or any other systems as recommended by Berger Paints.

Storage, Safety Information And Precautions

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

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