

Technical Data Architecture Coatings

Tuff Gloss Emulsion

Product Description

Tuff Gloss emulsion is an exterior wall coating formulated with pure acrylic emulsion and with high quality weather durable pigments, suitable for application over smooth or texture surfaces in Exteriors and Interiors.

This product has got an excellent UV resistance thereby retains its high gloss over years. The formulation contains sufficient dosage of biocides to attain antialgal and antifungal properties.

Recommended Areas of Application

Area of use : As a finish coat for Exterior & Interior
Substrate : Smooth or Textured Masonry substrates.
Pack Size : 3.6 Ltr, 18 Ltr

Technical Data

Finish : Smooth
Sheen Variants : Gloss
Colours : Wide range
Volume Solids : 36 ± 2%

Theoretical Covering Capacity	Recommended Dry Film Thickness per coat		Theoretical Spread rate
	Minimum	30 microns	12 m ² /Ltr
Maximum	50 microns	7.20 m ² /Ltr	
Typical	40 microns	9 m ² /Ltr	

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.
There will significant reduction on the coverage over textured surfaces like spray compound - due to effectively more surface area.

	Substrate temp.	Touch dry	Hard dry	Overcoating Interval	
				Minimum	Maximum
Drying time	15 °c	1 hour	3 hours	6 hours	Indefinite
	25 °c	½ hour	2 hours	4 hours	
	35 °c	15 minutes	1 hour	2 hours	

Application Data

Method of application : Brush and roller

Thinner : Sweet water

Thinning ratio (by vol.) : Use 5% to 10% sweet water for ease of application. Do not over dilute.

Surface Preparation

The performance of this coating is directly related to the degree of surface preparation. The service life span and the service performance of this product are directly related to the degree of surface preparation.

- New concrete should be left for at least 21 days to cure before coating.
- The surface to be coated must be clean and free from all loose extraneous materials such as loose paint, dust or loosely adhering concrete etc.
- If fungus or algae is present, first treat with Anti-Microbial Wash and leave for 24 hours. Then, thoroughly rinse and wash or scrape away all the fungus/algae.
- If grease is present, clean using a mild detergent or solvent and rinse thoroughly to ensure complete removal of the grease, detergent and solvent.
- Apply a suitable Primer such as Weathercoat Primer or Plastaseal Penetrating sealer prior to application of this product.
- For over-coating over old coatings, high pressure water cleaning should be performed to remove all loose or flaking coatings and ensure the remaining coatings are tightly adherent. If required, a coat of Plastaseal Penetrating Sealer to be applied. Consult Representative for proper system recommendation.

Applications Details

- Ensure adequate ventilation during application and drying.
- Do not apply when humidity exceeds 85% and condensation is likely.
- Only apply coating when surface temperature is 3°C or more above dew point.

Roller - Recommended method of application.

Brush - May be used for small areas, inaccessible areas and touch up.

Typical Paint System

- 1 coat of Weatherflex 1000 Primer / AR Primer / Plastaseal penetrating Primer
 - 2 coats of Tuff Gloss Emulsion
- 1 coat of Tex Primer / AR Primer
 - 1 coat of WC Acrylic Spray Compound
 - 2 coats of Tuff Gloss Emulsion

For alternate system / suggestion please contact Asian Paints 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