

DATA SHEET – TRAKGUARD



Characteristic	Description
General	
Product Name	TRAKGUARD
Product Type	Water based Acrylic elastomeric coating for protection of concrete against the carbonation process
Colour	White/Yellow/Grey/Ivory/any other on request.
Specification	IRC-SP-80:2008
Application	Brush / Roller / Spray
Physical Characteristics	
Solid Content	70±3%
Specific Gravity	1.35-1.4 gm/cc
Appearance	Matt to semi glossy
UV and weather resistance	Excellent
Diffusion resistance	Excellent diffusion resistance against Carbon Dioxide, Water, Chloride and Sulphates
Wear Resistance	<ul style="list-style-type: none"> Capable of bridging crazing and cracks Protection against the aggressive action of industrially polluted and marine/saline environment.
Coverage for single coat	4 - 5 m ² / ltr
Packaging	
20 Ltr Bucket	
Storage	
Shelf Life is approx. 12 Months from Manufacturing subject to material being stored in moisture free, dry conditions.	
Areas of Application	

- New and existing concrete and masonry structures require protection from Carbon Dioxide, Sulphur Dioxide, Oxides of Nitrogen, Chlorides, Sulphates and UV radiation.
- Car parks, commercial and industrial buildings,
- Bridges, subways, beach resorts, high rise buildings, etc.

Application Safeguards

- The concrete shall be free from all adhesion inhibiting substances such as oil, grease release agent as well as laitance and dust.
- The surface shall be cleaned by brushing, mechanical scraping and any other loose material shall be removed by chiseling with small hammer and washed with clean water.
- The substrate shall be sound for effective bonding of acrylic emulsion with concrete surface
- It is recommended that WFT may be measured at a number of selected location at the time of application with paint film thickness gauge

Safety Recommendations

- Wear appropriate PPE viz: overalls, gloves, goggle, to avoid contact with skin and eyes
- Do not inhale vapour or spray
- Keep away from source of ignition.

Application Procedure

- Paint should be stirred carefully before use.
- Suitable quantity of water can be added to get required viscosity for application.
- After preparing the surface, special primer coat as recommended by Kataline shall be applied with brush/roller/ Spray gun
- Recoating can be done or second coat can be applied after 2 hours.
- First and second coat of Trakguard can shall be applied with brush/roller/spray gun keeping the time between two coat not less than 2 hours and not more than 72 hours