



Dr. Fixit Cool Roof Coating

HEAT REFLECTIVE COATING FOR METAL ROOFS & TERRACES

Description

Dr. Fixit Cool Roof Coating is a high performance, environmental friendly APEO free elastomeric coating which offers excellent reflective properties for metal roof applications. It forms a tough, seamless and breathable membrane with excellent UV resistance, high dirt pick up indexes, good water resistance. Dr. Fixit Cool Roof Coating can also resist the growth of bacteria and algae, maintaining a microbe free surface.

Uses

- Recommended as a Heat Reflective Coating for Metal Roofs.

Features

- UV and IR resistant - Resistance to UV & IR emission protects coating from damage and also reduces heat conductivity.
- Resilience & crack bridging - Forms highly elastic, tough & resilient coating that can bridge cracks up to 1 mm.
- Abrasion resistant - Non-slip.
- Long-term durability - Excellent UV resistance.
- Energy saving - Low heat transfer into building.
- Non-Toxic water based system - Eco-friendly.

Packaging

20 Litres

Method of Application

1 SURFACE PREPARATION

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.
- Bitumen based waterproofing treatments must be completely removed by mechanical scarification or by any other effective mechanical means.

2 APPLICATION

- For Metal Roof application, prime the surface with a single coat of Anti-Corrosion Primer Dr. Fixit Primer AC (for GI sheets) or Dr. Fixit MIEP (for powder coated sheets) by brush, roller or spray at the rate of 5 to 6 sq.m/litre.
- All joints / corners and penetrations shall be sealed with liberal amount of the waterproofing coating Dr. Fixit Cool Roof Coating and as per the methodology given in 'Method Statement' for Dr. Fixit Cool Roof Coating.
- Apply two coats of Dr. Fixit Cool Roof by brush, roller or spray with the following spread rates and DFT.

No. of coats	Spread rate per coat (sq.m/L)	DFT (microns)	Coverage (sq.m/L)
2	1.6 to 1.8	500-600	0.8 to 0.9

- Time interval between coats to be 6 to 8 hours.
- Allow the coated surface to air cure fully for 7 days.

Precautions & Limitations

- Do not apply during rains.
- Do not apply below 10°C or above 40°C.
- To ensure recommended DFT use forced coverage method.



Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Nature		Single component
% Solid content		68
Elongation,%	ASTM D 412	150
Tensile strength N/mm ²	ASTM D 412	1.2
Pull off Adhesion N/mm ²	ASTM D 4541	1.3
Crack Bridging	ASTM C 836: 1995	No cracks up to 1 mm
Water Absorption (%)	ASTM D471	Passes
Water Ponding Test		No water penetration through the coating layer
Dry Film thickness (DFT)		500-600 microns

Theoretical Coverage*

1.6 to 1.8 sq m per litre per coat.

*Coverage may vary depending upon the texture and surface profile of the surface.

Shelf Life

Shelf life is 24 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

Health & Safety

- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: It is based on Water Based Coating system, however, seek medical help.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



Pidilite Industries Limited
Construction Chemicals Division
Ramkrishna Mandir Road, Post Box No. 17411
Andheri (E) Mumbai 400059 INDIA
Tel +91-22-2835 7000 • Fax +91-22-2835 7008
www.drfixit.co.in • info@drfixit.co.in

Dr. Fixit Advice Centre (Toll Free No.) 1800 209 5504

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