

# Dr. Fixit Proofcote Black



ONE COMPONENT BITUMINOUS ELASTOMERIC WATERPROOFING COATING

## Description

**Dr. Fixit Proofcote Black** is composed of bituminous emulsion, polymer, properly selected & graded fine fillers and additives. It is used for waterproofing of AC sheet roofing's & water retaining structures because it form tough & elastomeric rubbery coating with excellent waterproofing properties at very economical than liquid applied polymeric coatings.

## Areas of Application

- Asbestos cement roofs & around "J" hooks.
- Sunken portions of toilets & bathrooms.
- Sewage pipes.
- Plinth, foundation .
- Basements.

## Features & Benefits

- **Permeability** - Highly impermeable, means excellent waterproofing.
- **Open time** - Sufficient open time than other bituminous cold applied liquids.
- **Ease of application** - Easy to apply by brush & roller.
- **Cleaning** - Tools & equipments can be easily washed with water, does not require expensive solvents.
- **Microorganism growth** - Prevents the growth of fungus, algae & bacteria.
- **Cost saving** - Cold applied material does not require heating.
- **Flexibility** - Flexible, accommodates movements in cracks, does not crack with aging.
- **Curing** - Self curing in air.
- **Ecofriendly** - Water based hence non hazardous.

## Method of Application

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### 1 SURFACE PREPARATION

- Ensure that the surface to be coated is sound and free from all contaminations.
- Remove existing bitumen / tarfelt treatment completely from the surface before applying Dr. Fixit Proofcote Black.
- Surface for treatments must be thoroughly cleaned of all laitance, loose material, oils, greases etc.
- Mechanical means such as wire brushing, shot blasting can be used. Clean the dust & fine particles by vacuum cleaning.
- Moisten the surface adequately prior to application of Dr. Fixit Proofcote Black.
- Allow surface water to evaporate and ensure that the surface is touch dry.

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### APPLICATION

- Apply the first coat of Dr. Fixit Proofcote Black by a brush evenly over the entire area. Do not abruptly terminate the coating.
- In case of sunken slabs in toilets, it is advisable to extend the coating by 1 ft above the finish floor level from all the sides.
- Allow first coat to dry for 4 to 5 hours & then apply the second coat and allow it dry for at least 72 hours.
- Coating must be protected from getting damaged by overlaying 10 to 15 mm cement sand mortar.
- A fiber net cloth (Haessin cloth/manjarpat) must be sandwiched between two successive coats of Dr. Fixit Proofcote Black while repairing of hairline cracks of Asbestos sheet roofing.

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## Precautions & Limitations

- Not to be applied on wet surface.
- Not to apply below +10°C & above +45°C.
- Not for areas subjected to regular foot traffic.
- Must be applied on totally cured cementitious substrates.
- Sprinkle fine sand over the second coat when it is still wet for better adhesion with the cement mortar.
- Do not apply over existing bitumen or tarfelt treatment in all applications.
- Asbestos sheets must be clean and dry prior to application of Dr. Fixit Proofcote Black.
- Do not apply over loose or bad plaster.
- For underground structures and foundations apply Dr. Fixit Proofcote Black if the soil is not chemically contaminated. For hostile soils Dr. Fixit Coal Tar Epoxy a coal tar based epoxy coating shall be applied..

## Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance	-	Homogenous thin liquid
Colour	-	Black
Specific gravity @ 25°C,gms/cc gms/cc	-	1.09 ± 0.02
Viscosity on Brookfield @ 25°C, poise	-	25 - 50
Touch dry time, minutes	ASTM : D 1640	25 - 30
Inter coat time, Hrs		3 - 4
Curing time. Hrs		72
Dry Film Thickness, microns in 2 coats	ASTM : D 412 - 2002	200 - 250
Tensile strength @ break, N/sqmm	ASTM : D 412 - 2002	1.8
Elongation @ break, %	ASTM : D 412 - 2002	> 70 - 80
Water Vapour Transmission,	ASTM : E 96 - 2000	15 gms / m <sup>2</sup> / day
Adhesion strength, N/mm <sup>2</sup>	ASTM : D 4541	1.5
Hardness, Shore 'A'	ASTM : D 2240	40

## Coverage

- 1.5 - 2 sq Meter / Kg for 2 coats
- coverage may vary depending upon the nature and texture of the substrate

## Packaging

- 1, 4 & 20 Kg

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## Shelf Life And Storage

- Shelf life is 12 months from the date of manufacturing.
- Store at cool & dry condition.

## Health & Precautions

- Use rubber hand gloves & safety goggles, while using Dr. Fixit Proofcote Black.
- In case of contact with skin, wash with plenty of water.
- Do not add water for dilution.
- Keep out of reach of children's.

## Other Product Categories Available

DR. FIXIT has wide range of Waterproofing & Construction chemicals which includes,

- Waterproofing Products
- Repair Products
- Sealants
- Flooring Products
- Exterior Coating Products
- Tile Fixing Range
- Concrete Admixtures
- Grouts



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