

# 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 wet areas & sunken portion as it form tough & elastomeric rubbery coating with excellent waterproofing properties.

### Areas of Application

- Asbestos cement roofs & around "J" hooks
- Sunken portions of toilets & bathrooms
- Sewage pipes
- Foundation

### Features & Benefits

- **Permeability** - Impermeable, provides excellent waterproofing.
- **Ease of application** - Easy to apply by brush & roller.
- **Cleaning** - Tools & equipment 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.
- **Eco-friendly** - Water based hence non hazardous.

### Method of Application

#### 1 SURFACE PREPARATION

- Ensure that the surface to be coated is sound and free from all contaminations.
- Remove existing bitumen / tar felt 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.

#### 2 APPLICATION

- Apply the first coat of Dr. Fixit Proofcote Black by a brush evenly over the entire area.
- 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 in right angle direction of 1<sup>st</sup> 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.
- While repairing of hairline cracks of Asbestos sheet roofing sandwich polyester glass fibre sheet 40-50 GSM - between two coats of Dr. Fixit Proofcote Black as reinforcement.



### Precautions & Limitations

- Do not apply on wet surfaces.
- Do not apply below +10°C & above +45°C.
- Not recommended for terraces.
- 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 tar felt treatment.
- Asbestos sheets must be clean and dry prior to application of Dr. Fixit Proofcote Black.
- 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 thick liquid
Colour		Black
Specific gravity @ 30°C,gms/cc	-	1.07 - 1.15
Viscosity on Brookfield @ 30°C, poise	-	25 - 50
Touch dry time, minutes @ 30°C	ASTM : D 1640	25 - 30
Inter coat time, Hrs @ 30°C		4 - 5
Curing time. Hrs @ 30°C		72
Dry Film Thickness, microns in 2 coats	ASTM : D 412 - 2002	200 - 250
Tensile strength @ break, N/mm <sup>2</sup>	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

### Coverage

1.5 - 2 sq mtr / kg for 2 coats

\*Coverage may vary depending upon the nature and texture of the substrate

### Packing

1, 4 & 20 Kg

### Shelf Life and Storage

- Shelf life is 12 months from the date of manufacturing.
- Store in 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.

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