

COAL TAR EPOXY

(DFR 388 / DFH 488)

DESCRIPTION

A two-part, medium-viscosity, solvent-free coal tar epoxy coating designed for strong protection against chemicals and water. Ideal for use in areas like effluent treatment plants, chemical handling zones, and terraces, where durable, cost-effective waterproofing and chemical resistance are needed.

FEATURES / ADVANTAGES

- Excellent adhesion to steel and properly prepared concrete surfaces.
- Good flexibility to withstand structural movement and thermal changes.
- Strong mechanical properties for durability and impact resistance.
- High chemical resistance, ideal for harsh industrial environments.
- Effective corrosion resistance, extending the life of structures.
- Balanced pot life and curing time for ease of application and efficient project turnaround.

APPLICATION

- Concrete and mild steel protection
- Bridges, industrial equipment, swimming pools, ships
- Effluent treatment plants (ETPs)
- Petrochemical, pharmaceutical, food, plastic, pesticide, and heavy inorganic industries
- Pumping stations, storage silos, pipe coatings, motor vehicle chassis

TECHNICAL DATA

Mix Ratios	100 : 100
Pot Life @ 25°C	25 – 35 Min
Cure time @ 25°C	7 Days
Mixed Viscosity Brookfield @25°C	2000-5000 m.Pas
Water Absorption	NIL
Shelf Life	1 years when stored in original containers at room temperatures
Coverage	15 -18 sq.ft. per litre in Two Coats @ 200-300 micron DFT

METHOD OF APPLICATION

SURFACE PREPARATION

Concrete and mild steel surfaces must be thoroughly cleaned to remove all dust, loose particles, and surface contaminants. For best results, sandblasting is recommended to achieve a clean, roughened surface that ensures optimal adhesion. If sandblasting is not feasible, mechanical cleaning using a stiff wire brush or abrasive tools should be carried out to achieve a similar effect.

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APPLICATION OF MATERIAL

Mix Coal tar Epoxy DFR 388 and DFH 488 in a 1:1 ratio by weight (100:100 pbw). Stir the two components thoroughly for at least 2 minutes until a uniform, smooth, and consistent mixture is achieved. Apply the mixture using a paintbrush, roller, or any other suitable mechanical applicator to achieve the desired finish. Allow the coating to cure for the recommended time to ensure optimal performance and durability.

HANDLING AND DISPOSAL

- Always wear appropriate protective equipment such as gloves, safety goggles, and suitable clothing during handling to prevent contact with skin and eyes.
- In case of accidental contact, follow standard first-aid procedures. For disposal, follow local regulations and environmental guidelines as approved by relevant authorities.
- Ensure that all waste materials, including containers and application tools, are disposed of responsibly.

TECHNICAL SUPPORT

Coal tar Epoxy provides a comprehensive range of high-performance, high-quality flooring, jointing, and repair solutions suitable for both new construction and the refurbishment of existing surfaces. Our team offers expert product selection assistance, technical support for consultants, end users, and contractors, as well as on-site guidance to ensure optimal application and performance.

PACKING

D-FIX Multipurpose is packed differently in each country. Kindly contact nearest D-FIX Distributor for packing list.

STORAGE

D-FIX Multipurpose should be stored in a cool and dry place, preferably in the sealed container and should not be exposed to direct sunlight. This product has a shelf-life of 2 years, if stored in its original container between 2°C and 40°C away from humidity and excessive heat.

SAFETY & PRECAUTIONS

Wear protective equipment. Avoid contact with eyes and skin. Safety Data Sheets (SDS) are available on request. SDS are furnished to customers to provide handling and disposal information.

Disclaimer :

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control. Revised : 01st April 2025.

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