



MAXEPOX[®] TAR-F

HIGH PERFORMANCE FLEXIBLE AND WATERPROOF EPOXY-TAR COATING

DESCRIPTION

MAXEPOX TAR-F is a two-component, solvent-free, flexible and waterproof coating based on modified tar-epoxy, suitable for use on concrete and metal substrates.

APPLICATION FIELDS

- Waterproofing and chemical protection against aggressive water and harmful salts for concrete and metal surfaces in underground works, foundations, waste water plants, sewers, water pipes, etc.
- Waterproofing of concrete structures subject to movements such as bridge decks, reservoirs, etc.
- Chemical attack protective coating for concrete and metal substrates against fuel, petrol, grases, diesel oil, lubricating oils, etc.

ADVANTAGES

- Great flexibility and mechanical properties, withstands thermal movements of the substrate.
- Very good capacity to bridge shrinkage cracks and hairline cracks.
- Excellent adhesion on concrete and metal surfaces.
- Very good chemical resistance to soil salts, oils, petrols, etc.
- Solvent-free, non-flammable.

APPLICATION INSTRUCTIONS

Surface preparation.

The concrete surface must be sound and strong, completely clean, free of dust and oils, and with slight roughness. Surface moisture content should not exceed 4 %.

On highly porous substrates, a single coat of MAXEPOX TAR-F (Technical Bulletin n°. 106) can be used as primer.

Metal surfaces must be cleaned by shot or sandblasting to eliminate superficial corrosion, and must be degreased.

Mixing.

MAXEPOX TAR-F is supplied in pre-weighed sets. The hardener, component B, is poured into the resin, component A. In order to ensure the proper reaction of the two components make sure all of component B is added.

The mixture can be done manually or better using a low speed drill, until achieving a homogeneous product in colour and appearance. Avoid to produce too much air while mixing the product. Once mixed, it is recommended to pour all of the components into a clean container.

Application.

Apply MAXEPOX TAR-F using a brush, roller or air-less gun, in two successive coats with a minimum time lapse of 6 hours and maximum 24 hours.

Application temperature.

The ideal working temperature is between 10 °C and 30 °C. Temperatures below 10 °C increase greatly the drying and curing time. With temperatures above 30 °C, try to protect the application against direct sunlight.

Cleaning.

The tools and equipments can be cleaned with MAXSOLVENT immediately after using. Once the product dries, it can only be removed by mechanical methods.

CONSUMPTION

The estimative consumption of MAXEPOX TAR-F is between 0,4 and 0,5 kg/m² per coat, for a total consumption between 0,8 and 1 kg/m² in two coats.

Factors like porosity, texture and substrate conditions can modify this consumption.

TECHNICAL DATA

Appearance	Black liquid
Density (gr/cm³)	1.15
Solids content (%)	100
Pot life (min. at 20 °C)	30 – 60
Curing time (days)	7
Consumption (kg/m²)	0.8 - 1
Dry film thickness (mm)	0.7 – 0.9
Flash point	Non-flammable
Adhesion on concrete (Mpa)	> 30 (Breaks the substrate)

PACKAGING

MAXEPOX TAR-F is supplied in pre-weighed sets of 25 kg.

STORAGE

Eight months in its original unopened set, in a dry and covered place at temperatures above 30 °C and below 30 °C. Protect against direct sunlight.

SAFETY AND HEALTH

When mixing and applying, do not work without the protection of rubber gloves and safety goggles. If the product comes in contact with the eyes, rinse immediately with clean water without rubbing and seek medical assistance. In case of contact with the skin, wash with abundant water and soap. If ingested, seek immediate medical assistance. Do not induce vomiting.

In case of spillage, retrieve using sawdust, sand or other absorbent material. Do not pour into sewers, rivers, canals and ground.

There is available Safety Data Sheet of MAXEPOX TAR-F by request.

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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