

Teknobond 930

MMA Based, Fast Curing Anchoring and Repair Mortar



CE TS EN 1504 – 3 R4

Product Description

Two component, Methyl methacrylate (MMA) acrylic based fast drying polymer concrete material that can be easily used both indoors and outdoors. It is used to repair dangerous and damaging pits and cracks in the grounds affected by heavy-duty traffic or excessive chemical substances (various acids, etc.), quickly and without disruption of traffic. It is also used as an adhesive in the fast anchors of the butane used as a retarder.

Areas of Usage

- It's used in all kinds of military areas,
- Very fast repair airports (runway, apron) and ports etc.,
- Anchors and fillings on the floor of track fittings and electric cables,
- Direction and traffic signs, city furniture, etc. quick assembly of materials,
- Anchorage to the floor of the machine feet and ironstones,
- In all kinds of industrial fields, workshops and warehouses,
- In urban and non-urban roads, bridges, viaducts, pedestrian paths, landscaping,
- On parking lots, highways and bridges,
- In all historical works (mosque, church, castle, column, temple, sculpture, etc.)
- In prefabricated buildings,
- On surfaces as concrete, brick, mosaic, surface hardener.

Features and Benefits

- MMA based.
- It has two components.
- It gains very early resistance.
- It is not affected by UV rays and other atmospheric conditions.
- It has thermoplastic elasticity.
- It creates a non-slip surface allowing all kinds of traffic.
- It is resistant to oil, fuel and antifreeze and many chemicals.
- Long-lasting and easy to apply material.
- It is resistant to heavy traffic conditions.
- Its carrying capacity is high.

Application Instructions

Surface Quality: The surfaces must be clean, smooth, solid, free from any antiadhesive substance such as dust, oil, dirt, rust, mold oil, detergent and waste. The concrete floor should not have water accumulation, humidity and humidity. It should be a dry floor and the concrete surface moisture should be below 4%.

Surface Preparation: High pressure water should be prepared by cleaning with suitable mechanical surface preparation techniques such as jetting, vacuum, roughening, sandblasting.

Mixing: Pour component B into component A. Mix with a low speed electric stirrer until the mixture reaches a completely homogeneous appearance. Then pour the mixture into a suitable container. Continue mixing for at least 1-2 minutes until a homogeneous and smooth mortar is obtained.

Application Notes / Restrictions

- During the application of the product, work clothes suitable for occupational health and safety rules should be worn and appropriate glasses and mask should be used.
- It should not be forgotten that the strength and adhesion values of the product will change if the mixing ratios are changed.
- Hands and areas of contact with the skin and hands should be cleaned with water before the product is completely cured and hardened. In case of contact with eyes, wash eyes with warm water and detergent then a doctor should be consulted.
- Immediately after application, before hardened, the equipment should be cleaned with TEKNO THINNER. After the product is hardened, it should be cleaned by mechanical methods.

Technical Data

General Information	
Appearance	Grey
Shelf Life	12 months in unopened package in dry environment
Package	20 kg bucket
Application Information	
Application Temperature	(-5°C) - (+50°C)
Mixture Ratio	A/B: 2,25/17,75 Kg
Pot Life (23°C, 50% Humidity)	15-20 min.
Time to put into Service (23°C, 50% Humidity)	1 Hour
Application Thickness	10-40 mm (Single coat)
Performance Information	
Concrete Adhesion Strength (EN 1542)	≥ 6,25 N/mm ² (Rupture from Concrete)
Compression Strength (EN 12808-3) 1 day	≥ 40 N/mm ²
Compression Strength (EN 12808-3) 7 days	≥ 70 N/mm ²
Temperature Resistance	(-30°C) - (+80°C)
Hazardous Substances (EN 12004)	See the safety data sheet.

Consumption Table

Teknobond 930	Mixture Density (kg / liter)	Mixing Ratio A / B (by Weight)
20 kg bucket	~2,05	2,25 / 17,75

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 27 days.

