

# Teknobond 920

MMA Based Two Component,  
Flexible, Joint Filler and Repair Mortar



## Product Description

Methylmethacrylate (MMA) based, low viscose, two component, joint and repair filler that is easily used both indoors and outdoors. There are two different types for wall and floor applications.

## Areas of Usage

- It can be used as filler for cold joints on surfaces such as concrete, surface hardener, mosaic, asphalt, and for repairing fine cracks.
- It's used in all kinds of military areas,
- In the track and apron regions,
- In all kinds of industrial fields, workshops and warehouses,
- On roads in and out of city, in parking lots,
- In houses, mansions, apartments, prefabricated buildings,
- In health facilities, hospitals,
- In factories and business centers,
- On roads, pedestrian ways,
- In airports and ports,
- In bars and restaurants,
- Mosaic, asphalt and so on. as fillers for cold joints on the surfaces,
- It is a product that can be used easily in fine cracks repair and joint fillings

## Features and Benefits

- It's methylmethacrylate (MMA) based.
- It has two components. It's reactively hardened with TEKNOHARDENER.
- It's used on the surface where TEKNOBOND 910 is applied.
- It has a fast drying time (average 1 hour).
- It's easy to use.
- It is not affected by UV rays and other atmospheric conditions.
- It has thermoplastic elasticity.

## 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. TEKNOBOND 920 is a reactive hardened product. Depending on the air temperature during the application, TEKNOHARDENER is added to the main material of TEKNOBOND 920 at 0,6 - 4,0% and mixed well with the drill for 2-3 minutes at medium speed (500-800 rpm).

Temperature (°C)	Teknohardener Usage Rate (%)	Usage Time (Minutes)	Drying Time (Minutes)
+10	4,0	25	55
+20	1,0	25	60
+30	0,6	20	60

## Application Notes / Restrictions

- 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.
- 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.
- Application is made by means of spatula and trowel.
- It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. 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.

## Technical Data

General Information	
Appearance	Grey
Shelf Life	6 months in unopened package in dry environment
Package	20 kg tin
Consumption	1.60 kg for 1 liter mortar
Application Information	
Application Temperature	(+5°C) - (+35°C)
Pot Life	15-25 min.
Density	1,50 ±0,05 kg/lt
Time for Opening to Traffic (23°C, 50% Moisture)	~1 hour
Performance Information	
Min. Joint Space	2 mm
Joint Application Depth	min. depth should be 2/3 of the joint width max. depth must not exceed the joint width
Viscosity	4500 - 6000 mPa.s.
Temperature Resistance	(-30°C) - (+80°C)
Hazardous Substance	See the safety data sheet.

