



**MASTERTEC**  
SPEZIALARTIKEL FÜR DEN STAHLBETONBAU

# Installation tutorial

## PROTECT EP-resin

Epoxy resin Epoxy resin for non-positive seals

article number: 040020

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# Installation tutorial:

## **Application:**

**PROTECT EP resin** is an epoxy-based duromer resin with a low-viscosity. The resin has a high penetration activity.

The **PROTECT EP resin** has a short setting time on dry as well as on moist substrates and hardens even under dynamic stress.

After hardening, the **PROTECT EP resin** has a very high compressive and tensile strength.

## **Preparation:**

Before injection, the structure has to be inspected according to technical standards.

## **Mixing:**

**PROTECT EP resin** consists of two components, component A and component B. They have to be mixed according to the recommended ratio using slowly rotating stirrers until the mixture is homogeneous.

Before processing, the mixed reactive resin has to be repotted into a clean and empty container or a container in which only mixed resin of the same quality was stored.

Repotting is fulfilled when the resin is poured into the reservoir of an injection pump and remixed thoroughly.

The application time depends on the quantity of the mixed material and the ambient temperature.

## **Injection:**

Injection is done with an injection pump.

The selection of the right injection packer depends primarily on the required injection pressure.

Work with **PROTECT EP resin** must be stopped if the temperature of the structure drops below +8 °C.

## **Cleaning:**

Within the application time all tools can be cleaned with PROTECT Clean.

Partially or completely cured material can only be removed mechanically.

## Accessories

**Hand-lever press 500  
ccm**  
for resin injection 1 piece ...

**PROTECT Clean 1 l**  
For cleaning of polyurethane  
and epoxy resin prior to curing.  
1 l can packing group III UN  
1263 &nbsp; ...

## Basis

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out. Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control. The data in this data sheet only applies for the product delivered by us. The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

## Indication of law

The technical information reflects our current knowledge of PROTECT EP-resin . It is intended only as information for users. As we do not know the envisaged applications and processing conditions, it is the responsibility of the user to carefully check that the product is suitable for the intended purposes. Due to the different components at the installation site and the working conditions in place there, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product specifications or further developments. By providing this information MASTERTEC does not intend to infringe third-party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.

## The previous data sheets are no longer valid

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