

# MasterEmaco<sup>®</sup> T 288

Rapid setting trafficable repair mortar

## DESCRIPTION

**MasterEmaco T 288** is a one component concrete repair and anchoring mortar which sets in 30 minutes and will accommodate rubber-tyre traffic 2 hours after placement. This product can be used indoors and outdoors for highway and heavy industrial repair jobs.

## RECOMMENDED USES

- Bridge deck and highway overlays
- Concrete pavement joint repairs
- Airport runway light installations
- Full depth structural repairs
- Expansion device nosings
- Anchoring steel bridge and balcony railings
- Commercial freezer room repairs
- Loading dock repairs
- Parking deck and ramp repairs
- Heavy industrial repairs

## FEATURES AND BENEFITS

- **Wide temperature application range** – suitable for Asia Pacific climates from very hot to very cold
- **Rapid strength gain** – fast return to service only 2 hours
- **Chemically resistant** – unaffected by deicing salts
- **Thermal expansion/contraction rate similar to concrete** – suitable for freeze thaw conditions
- **Minimal drying shrinkage** – long term volume stability and stability of patch
- **Cement colour** - patches have texture and look of concrete

## PROPERTIES

Typical Compressive Strengths – MPa AS2073 Part 10 (Modified)	
	23°C
<b>2 hour</b>	20
<b>1 day</b>	40
<b>7 days</b>	50
<b>28 days</b>	65
Flexural Strength	
<b>1 day</b>	8
<b>28 Days</b>	10

The performance data is typical and based upon controlled laboratory conditions. Actual performance on the job site may vary from these values based on actual site conditions.

## APPLICATION

### Surface Preparation

Surfaces should be structurally sound, clean, and free from loose particles, oil, grease, cement laitance, mold release agents, curing membranes, and other contaminants must be removed by wet grit blasting, high pressure water jetting (approx. 150 bars) or such other effective methods.

To obtain permanent type repairs the edge of the patch should be square cut and to a depth of not less than 10mm.

### Priming

The prepared area should be presoaked for 2 hours with clean water prior to application. No special primer is required but a slurry coat of the **MasterEmaco T 288** 1:1 with water will give a higher bond. MasterEmaco P 157 can be used as an alternative.

### Mixing Instructions

Add all the water to a clean bucket and add the **MasterEmaco T 288** and mix for approximately 2 to 3 minutes to an 80 to 100mm slump mortar and move into place using a trowel. For deep sections (more than 300mm in depth) clean 5-10mm aggregate can be added at a rate of upto 10 kg per 20 kg bag of **MasterEmaco T 288**. **MasterEmaco T 288** can be pumped but given the short setting time only moderate quantities can be applied before cleaning of the pump will be required.

### Curing

Like all cementitious products **MasterEmaco T 288** benefits from curing and the use of **MasterKure 250** is recommended alternatively you could use clear plastic.

## ESTIMATING DATA

A 20kg bag of **MasterEmaco T 288** mixed with 2.6-3 litres of clean water will yield approximately 10 litres of mortar



We create chemistry

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## CLEANING

Clean tools and equipment with water, before the **MasterEmaco T 288** hardens.

## PACKAGING

**MasterEmaco T 288** is packaged in 20kg moisture resistant bags.

## SHELF LIFE

**MasterEmaco T 288** has a shelf life of 6 months.  
Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Safety Data Sheet (SDS) from BASF office or our website.

MasterEmaco-T288-ANZ-V5-1216

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

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#### BASF Emergency Advice:

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