



# Technical Data Sheet

Published in June'2003

## QUICKMAST 348

### Epoxy patching and void filling compound

A versatile Epoxy Patching Compound designed specifically for use in building and construction applications.

- \* **EASE OF HANDLING**  
Formulated to give an easily applied past.  
No priming required.
- \* **POWERFUL BONDING**  
Excellent adhesion to most building materials.
- \* **DURABILITY**  
QUICKMAST 348 does not shrink and has excellent resistance to weathering and chemical attack.

#### **Product:**

High Strength and Versatile Epoxy Patching and Void Filling Compound having the consistency of a creamy paste. QUICKMAST 348 is an Ambient Temperature curing grade.

#### **Composition:**

Two pack, solvent-free epoxy resin containing fine fillers and a thixotrope.

#### **Purpose:**

QUICKMAST 348 capable of being applied in thin or thick layers (several centimeters) to horizontal, vertical and overhead situations.

#### **Pack:**

1 kg , 2 kg & 5 kg

A SUBSIDIARY OF DON CONSTRUCTION PRODUCTS LTD., U.K.



No.4, II Block, Chowdhary Complex, Nandanam Extension, 5<sup>th</sup> Street, Nandanam, Chennai – 600035

Tel: 24331817, 24335345, 52110993 Fax: 24338272 E-mail: dccil@vsnl.com Website: www.don-india.com

## INTRODUCTION

QUICKMAST 348 is a two component, high-filled system that results in a thixotropic paste when mixed and cured QUICKMAST 348 is grey coloured, similar to cured concrete.

QUICKMAST 348 has faster setting & useful in cold conditions.

## PROPERTIES

Colour	Concrete Grey
Density (g/cc)	1.7
Working life at 30°C	30 min.
Gel time at 30°C	45 min.
Compressive strength	
At 30°C for 7 days -	59 N/mm <sup>2</sup>
Flexural Strength	
At 30°C for 7 days -	30.2 N/ mm <sup>2</sup>
Tensile Strength at	
30°C for 7 days -	13 N/ mm <sup>2</sup>

### Where to use:

QUICKMAST 348 is a general-purpose epoxy paste especially suitable for structural repairs. Being thixotropic QUICKMAST 348 has excellent gap – filling properties.

QUICKMAST 348 can be used as patching materials in their own right and is of particular benefit where shallow patching is required. It can be readily worked out to conform to difficult contours.

## HOW TO USE:

### Preparation:

Surfaces should be prepared in accordance with the instructions given in the general information sheet for QUICKMAST epoxy resins.

### Mixing:

QUICKMAST epoxy paste comprises two components, the resin BASE and the HARDENER, which are supplied pre-weighed in the correct proportions. The two components should be thoroughly mixed, preferably using a small trowel, to a uniform grey colour.

### Applications (No priming required):

For patch repairs QUICKMAST 348 should be trowelled to finished levels. The production of the final surface will be aided by wetting the trowel sparingly with QUICKMAST solvent.

### Storage Life:

At least 6 months in manufacturer's undamaged sealed containers in dry conditions out of direct sunlight.

### How to Specify:

Surfaces should be prepared in accordance with the general information sheet on the use of QUICKMAST Epoxy Resins.

QUICKMAST 348 should be mixed and applied strictly in accordance with the instructions of the manufacturers, **Don Construction Chemicals India Ltd.**, whose advice should be sought for non-standard applications.

N.B.: Strength properties are dependent upon cure schedule and test temperature. The data given here corresponds to minimum attainable values at the quoted cure temperatures. The values quoted are indicative of ultimate strength.

The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable; we cannot accept responsibility for any work carried out with our materials, as we have no control over methods of application, site conditions, etc.

In view of the continuing research and development being undertaken in our laboratories, we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale, which are available on request.

Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact your local DON representative