



Technical Data Sheet

QUICKMAST 471

Solvented High Build Protective & Decorative Coating for Steel and Concrete

Advantages:

- * Easily applied on dry or damp surfaces
- * Can be used on concrete, steel, galvanised steel substrates
- * Excellent protective properties
- * Minimum surface preparation required for steel
- * Excellent overcoating characteristics
- * Available in different colours

Product:

QUICKMAST 471 is a two pack, high build, solvented epoxy coating for concrete, steel structures to provide protection from weathering and abrasion.

Purpose:

To protect concrete and steel surfaces and for increased resistance to oil, grease, water penetration, abrasion and chemical attack.

Usage:

5 kg pack will cover an area of approximately 9 –10 sq.m. for a recommended two coats.

Pack:

5 kg pack.

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



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

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

Description:

QUICKMAST 471 is a two-pack solvented, high-build anti-corrosive epoxy coating designed to protect concrete, and steelwork from weathering and mechanical damage. The coating can be applied on dry or damp surfaces, and to minimally treated steel work.

Properties:

Colour	Grey, Red (Special colours to order)
Pot life at 30°C	3 hours
Curing at 30°C	
Touch dry	1 ½ hours
Hard dry	7 hours
Full cure	7 days
Temperature range:	
During application	5°C to 45°C
In service	Max. 60°C

How to use:**Surface Preparation****a) Concrete Substrates:**

The surface should be sound, free from laitance and contamination. The contamination, viz., oil, grease, etc., must be removed using suitable degreaser or detergent. All blow holes, surface cracks etc. shall be repaired with QUICKMAST 208, QUICKMAST 348, or similar.

b) On Steel Surfaces

Oil contaminated surfaces should be thoroughly cleaned with a degreaser, and sand blasted. Where this is not possible, minimal surface preparation of wire brushing should be done. QUICKMAST 471 can be applied directly to steel surfaces.

Priming:

One coat of QUICKMAST 173 is recommended for concrete surfaces before the application of QUICKMAST 471. Apply QUICKMAST 173 at a nominal rate of 5m²/litre and allow to dry for a minimum of 4 hours @ 30°C.

Mixing:

QUICKMAST 471 may be applied by brush or airless spray to give a continuous coating on the prepared surface. A second coat may be subsequently applied at the appropriate time.

Application:

QUICKMAST 471 may be applied by brush or airless spray to give a continuous coating on the prepared surface. A second coat may be subsequently applied at the appropriate time.

Coverage:

A 5 kg pack of QUICKMAST 471 will be sufficient to cover 9-10 m² with the recommended two-coat treatment, which will give an over all dry film thickness of 200-250 microns.

Cleaning:

Tools and mixers should be cleaned with TOLUENE, XYLENE or proprietary epoxy equipment cleaner, immediately after use.

Shelf Life:

Shelf life is 6 months when stored in manufacturer's undamaged sealed containers under dry conditions, and out of direct sun light.

Health and Safety:

Gloves must be worn, and use goggles for overhead application to prevent contact with eye. Any splashes on skin should be washed with water and medical advice sought. In enclosed areas, good ventilation must be ensured, and smoking must strictly be prohibited while using QUICKMAST 471.

How to specify:

All surfaces (as indicated) shall be prepared and coated with two coats of QUICKMAST 471 protective coating which has to be used strictly in accordance with the instructions of the manufacturer, Don Construction Chemicals India Ltd.

The information given in this data sheet on both current development work and many years 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.