



QUICKMAST JOINT SEALANT

One-part moisture cure polyurethane joint sealant

TECHNICAL DATA SHEET
PUBLISHED JANUARY 2007

PRODUCT FEATURES

Quickmast Joint Sealant is a one-component moisture-curing polyurethane joint sealant. It is designed to seal expansion joints in the following areas:

- In industrial and commercial floors
- Around swimming pools
- In waterproofing joints in buildings

Quickmast Joint Sealant is suitable for interior or exterior use. It has excellent unprimed adhesion to most building substrates. It is thixotropic and will not slump in vertical joints below 10mm in depth.

MATERIALS SUPPLIED

Boxes of 12 x 600ml sausages.

COVERAGE

A 600ml sausage will fill approximately 6 linear metres of a 10mm x 10mm joint.

STORAGE

Store at temperatures between 5°C and 30°C.

SHELF LIFE

Approximately 12 months if stored in unopened packaging and under good conditions.

SURFACE PREPARATION

The joint must be clean, dry (less than 75% RH measured by hygrometer – see under Priming below if RH is greater than 75%) and free from dust, laitance, oils, paints or other forms of contamination. Bond breaker tape should be applied to the base of the joint to prevent adhesion of the sealant here.

APPLICATION

Apply with a hand gun. Avoid entrapment of air. Finish with a palette knife or similar.

PRIMING

The joint faces must be primed with **Quickmast 101** in the following circumstances:

- On very porous surfaces.
- In areas which will be subject to permanent immersion.
- On floors with a relative humidity greater than 75%.

Allow the Quickmast 101 to become tacky before applying the Quickmast Joint Sealant.

CLEANING

Once application is complete, tools can be cleaned with **Quickmast Solvent**. Cured material can only be removed mechanically.

TECHNICAL INFORMATION

Curing rate 23°C and 50% RH	4mm per day
Application temperature range	5°C to 30°C
Service temperature range	-30°C to 80°C
Elongation at break NFT 85 507	400%
Elastic modulus at 100% elongation ISO 8339	0.6 N/mm ²
Shore A hardness ISO 868	50

LIMITATIONS

- Not suitable for permanent immersion in swimming pools.
- Do not apply in joints deeper than 10mm.
- Do not apply next to curing silicone sealants, as its cure may be retarded.

HEALTH & SAFETY

Consult the appropriate Material Safety Data Sheets prior to using Quickmast Joint Sealant.

GENERAL GUIDANCE

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

Please consult our Sales Department to confirm that this data sheet is the current issue.



Don Construction Products Ltd.
Churnetside Business Park,
Station Road, Cheddleton,
Leek, Staffordshire, UK.

Tel: +44 (0) 1538 361799
Fax: +44 (0) 1538 361899
www.donconstruction.co.uk