

VERSION: 01

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**LARSEN**

**TILING**

**TECHNICAL DATA SHEET**

# DUOMAT 360 ANTI-CRACK & DECOUPLING SYSTEM

**UNCOUPLING MATTING FOR FLOORS  
WITH LIMITED MOVEMENT**

**EASY TO INSTALL**

**FAST TRACK INSTALLATION**

**2 IN 1 ANTI-CRACK & DECOUPLING**

**MINIMAL HEIGHT BUILD UP (<1mm)**

**IDEAL WITH UNDERFLOOR HEATING**

**COMMERCIAL AND DOMESTIC USE**

**LESS ADHESIVE\***

\*compared to installation of 'waffle'-type  
decoupling mats

Larsen DUOMAT360 is a low profile membrane providing a decoupling system for all floor tiling. Designed to accommodate and decouple lateral movement and stresses in substrates. Ideal for use with timber floors; natural stone; large format tiles; heated floors; cracked floors etc.



For further information, consult our Technical Department.

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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

SIZE:	30m x 1m rolls
COLOUR:	White with blue grid on top of face
HAZARD INFORMATION:	No significant hazard
STORAGE CONDITIONS:	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE:	Minimum 24 months in unopened manufacturer's packaging

### APPLICATION INFORMATION

THICKNESS:	0.7mm	
WEIGHT:	0.2kg/m <sup>2</sup> Approx. 6kg per roll	
TENSILE STRENGTH:	C	
ELONGATION:	LONGITUDINAL	40%
	LATERAL	33%

## DIRECTIONS FOR USE

### PREPARATION

Larsen DUOMAT360 is only suitable for use on floors.

All substrates must be solid, rigid, stable and free from excessive deflection or other movement.

Ensure the substrate is sufficiently level and load-bearing for the tiling installation and duty. It should be free from loose materials, grease, oil etc. or other barriers to adhesion.

Gypsum based substrates must have a moisture content of less than 0.5%. They must have been mechanically prepared and be primed as follows: first coat Acrylic Primer diluted 1:1 with water and allowed to dry; second coat Acrylic Primer applied neat.

Timber based substrates should be conditioned and sufficiently dry. Existing timber sheet materials should be minimum 15mm flooring grade and screw-fixed at 300mm centres. Floorboards should be screw-fixed to joists at 300mm centres with 2 screws per board width. If insufficient support exists or the floor is subject to excessive deflection or spring, it should be over-boarded with suitable tile backer board or a minimum 15mm plywood overlay prior to the installation of Larsen DUOMAT360.

### APPLICATION

Roll out Larsen Anti-crack Mat, measure and cut to size with scissors or knife. The roll is printed with 50mm square grid for ease of measurement. Roll sheet back up.

Apply a flexible fast setting tile adhesive to the substrate with a 4x4mm notched trowel. Roll the mat into the adhesive and smooth with the flat edge of the trowel ensuring there are no air pockets.

The tiles can then be fitted as soon as the tile adhesive has set. Although not essential, it is recommended to use a flexible rapid set adhesive to install the tiles. When installing the adhesive and tiles onto the mat, take extra care so as not to de-bond the mat from the substrate.

All expansion joints and other construction movement joints must be carried through the Larsen DUOMAT360 and tiling installation. Sheets of Larsen DUOMAT360 should be cut to permit this.

## DIRECTIONS FOR USE (continued)

### RESTRICTIONS

Do not apply in thick layers. Temperature - Minimum 5°C during application and for a period of 24 hours subsequently. Substrates must be suitable for application, priming will not make poor substrates good. It is not recommended for use on substrates which are not sufficiently strong or suitable to receive the finish, for example painted walls are not suitable to receive tiling. Not suitable for application over soft bituminous materials, oils, grease etc. If in doubt, contact our Technical Department.