



Quantum Chemical

**PRECIDIUM™**  
MASS TRANSIT  
*Innovation*  
*It's all in the Chemistry!*

## PRECIDIUM™ MTI 2100 Repair

### DESCRIPTION

**PRECIDIUM™ MTI 2100** is a 100% solids, high-performance, two-component polyurea elastomer ideally suited for flooring applications where self-levelling properties are advantageous. It has excellent resistance to a wide range of chemicals, coupled with superior physical properties.

**PRECIDIUM™ MTI 2100** is a self-levelling system intended for use as a seam or system repair, primer or membrane.

### PROPERTIES OF CURED PRODUCT

Volume Solids	100%	
VOC	0	
Mix Ratio	2:1 (Volume) (Resin:Iso)	
Resin Colour	White	
ISO Colour	Black	
Mixed Colour	Uniform Grey	
Test Description	Test Method	Result
Durometer Hardness	ASTM D2240	43D
Tensile Strength (Die C)	ASTM D412	3138 psi
Elongation (Die C)	ASTM D412	575%
Tear Strength (Die C)	ASTM D624	356 pli
Abrasion Resistance	ASTM D4060	0mg loss
(CS-17 Wheel, 1000 cycles 1000 g load)		
Pot Life	20 minutes	
Touch Dry	90-120 minutes	
Tack Free	120-240 minutes	
Recoat	4-36 hours**	

\*Approximate values only; should not be considered specifications.

This data sheet is intended for general information only.

\*\*After 24 hours wipe surface with MEK prior to re-coat.

### INSTRUCTIONS

**PRECIDIUM™ MTI 2100** is mixed 2 parts resin to 1 part ISO by volume. The system is high viscosity and poor mixing can lead to uncured material and off-ratio measuring. To ensure proper mixing, the Resin is tinted white and the ISO is tinted black. First, mix the Resin and ISO separately so any settled pigment is mixed in. For mixing the Resin and ISO together, it is best if a jiffy mixer is used at high speed for at least 1

minute for mixing. The mixed colour will be a uniform grey, with no visible black or white streaks that would indicate further mixing is required. Improper measuring (under-indexing of the ISO) will negatively affect the properties of the cured product. If in doubt, slight over-indexing of the ISO is preferable, but never under-indexing. It is recommended to mix the amount of material that can be used in a 10-minute window. The material is put down best with a wire gauge rake and a spike roller to de-aerate the film. Clean-up should be done immediately with MEK.

### STORAGE

Store in a cool, dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

### AVAILABILITY

**PRECIDIUM™ MTI 2100** is packaged in 1 US Gallon Cans or 5-gallon US pails.

### PRODUCT SAFETY

An SDS is available upon request.

### OTHER

Recommendations for the use of our products are based on the specifications of this technical data and the test results published herein. Manufacturer and seller are not responsible for results where the product is used under any conditions outside those specified or beyond our control. The purchaser of this product must rely on his own judgement in determining suitability for his purpose, and in applying directions as to handling and use specified herein. Quantum Chemical makes no warranty, expressed or implied, except that if this product proves on inspection to be defective, Quantum will replace such quantity of the product proven to be defective or refund the purchase price of defective product. Labour costs and other consequential damages are hereby excluded. No representative or purported agent of Quantum has the authority to change this warranty. The information contained herein is subject to change without notice. If in doubt, contact your Quantum Representative for current Technical Data Sheets.

**PRECIDIUM™** brand name is a trademark of Quantum Chemical, and is being used with permission.