

# MATACRYL STC

## Sealer for Matacryl waterproofing systems

August 2024

### PRODUCT:

Matacryl STC is a medium viscous, elastified and UV-protected surface sealer based on acrylic resins. The curing is initiated by addition of Matacryl Catalyst powder.

### USAGE:

Matacryl STC is used as a surface sealer for Matacryl waterproofing systems to improve general resistance and maintenance properties.

### STANDARD PACKS:

100 kg resp. 25 kg units.

### KEY BENEFITS:

- Easy to apply
- Fast curing
- Clear or pigmented
- Semi-flexible
- Weather resistant
- Acid rain resistant

### PROPERTIES:

#### Liquid State

Colour	Light blue violet	
Viscosity, 25°C	140-180 mPa*s	DIN 53018
Density, 25°C	0.98 g/ml	ISO 2811
Pot life/processing time at 25°C	15 min.	
Curing time at 25°C	approx. 60 min.	
Recoat time at 25°C	approx. 90 min.	
Flash Point	+11.5°C	ISO 1516
Pigmented	Grey and ivory	

#### Cured State

Tensile strength	6.8 N/mm <sup>2</sup>	ISO 527
Elongation	130%	ISO 527
Modulus of elasticity	38 MPa	ISO 527
Abrasion Taber 500 cycles	51 mg	ISO 7784-2
Shore D hardness	55	DIN 53505

\* Please note that an objective comparison with other data is only possible if norms and parameters are identical.

### MIXING:

Prior to use, Matacryl STC must be stirred to achieve a uniform distribution of paraffin and eventual pigments added to the sealer. To initiate curing the Matacryl Catalyst shall be added to suitable volumes of product and carefully mixed. The volume of catalysed batch depends on the actual area size and application conditions whilst the amount of catalyst depends on the ambient temperature.

Catalyst table for batch of 10 litres Matacryl STC:

At 30°C:	Add 80 grams or 120 ml catalyst
At 20°C:	Add 100 grams or 150 ml catalyst
At 10°C:	Add 200 grams or 300 ml catalyst
At 0°C:	Add 300 grams or 450 ml catalyst
At -10°C:	Add 500 grams or 750 ml catalyst

For eventual addition of filler or pigment on site please contact your local Equus Representative for further details.

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### APPLICATION:

Immediately after the catalyst has been added and mixed, the dealer is spread onto the Maticryl base coat using a rubber squeegee and paint roller. For good results it is important always to work with freshly catalyzed material i.e. small batch sizes, not the full 25 kg. Layer thickness must be kept within 0.3-0.8 l/m<sup>2</sup> per coat. Consumption of Maticryl STC depends on the system and varies from 0.3-1.0 kg or litre per m<sup>2</sup>.

### SHELF LIFE:

Six months when stored in a cool and dry place and in originally closed packaging and protected from direct sunlight. The optimal storage temperature is between 10-20°C.

### BUILDING CODE COMPLIANCE:

For Building Code Compliance information see the (EMC) Equus Maticryl Carpark System TDS or (EMP) Equus Maticryl Pedestrian System TDS.

### HEALTH AND SAFETY:

Protective clothing, gloves and safety goggles shall be worn when filling, mixing or handling Maticryl STC. If the product is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapour as well as direct contact with skin or eyes.

Maticryl STC is highly flammable; keep away from open fire and other sources of ignition like welding and do not smoke when handling. For further information see the Safety Data Sheet.

### WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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### MANUFACTURERS CONTACT DETAILS:

Manufacture location	Australia
Legal and trading name of manufacturer	Tremco CPG Pty Ltd.
Manufacturer address for service	12/4 Southridge Street, Eastern Creek, NSW 2766, Australia
Manufacturer website	
Manufacturer email	orders@tremco.com.au
Manufacturer phone number	+61 2 4648 0397