TECHNICAL DATA SHEET

RESIN ORTHO TRIROOF STANDARD ROOFING

PRODUCT IDENTIFIER

Product Name:	Resin ORTHO TriRoof Standard Roofing	
	1082644 Rev.4	
Revision Date:	19-SEP-2025	

MAIN CHARACTERISTICS

Product Type Main Resin Characteristics

Unsaturated polyester resin in styrene, Low styrene emission
Orthophthalic Preaccelerated

Thixotropic

Appearance

Pink Mouldings Information
Hand lay up and Spray up

Main Applications

General Purpose

Shelf Life & Storage

Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Unseal container just before use. Shelf life will be reduced reaching higher temperature.

Precautions for Handling

As the resin includes a film-forming agent, we recommend that the laminate should first rubbed down before bonding or relaminating. Read carefully the Safety Data Sheet Stir the resin before use, without introducing air

FEATURES OF THE LIQUID RESIN(1)

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Specific weight at 20°C		g/cm³	1,10
Rotothinner viscosity at	MT-CU 008V	mPa.s	250 - 280
23°C			
Solid content	MT-CU 001C	%	56 - 60
Reactivity	at 23°C +1,5% MEKP50		
Gel time ⁽²⁾	MT-CU 151R	minutes	14 - 18

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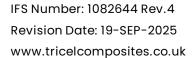
23°C - Peak	MT-CU 151R	minutes	27 - 37
Exothermic peak	MT-CU 151R	°C	90 - 110
Storage stability at 23°C	MT-CU 002S	months	4
in the dark			

- 1) Thoroughly test in your applications before full-scale use. Geltimes may vary due to the reactive nature of these materials and due to different brands of curing additives. Always test on small scale before formulating large quantities.
- 2) If present, Cobalt is herewith intended as octoate. Use of different Cobalt salts could result in different geltimes. Always test on small scale before formulating large quantities

PROPERTIES OF THE CURED UNREINFORCED RESIN(3)

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Curing cycle	16 h at 40°C (+2 h at		
	120°C for HDT)		
Tensile strength	ISO 527 (2012)	МРа	57
Tensile modulus	ISO 527 (2012)	МРа	3715
Elongation at break	ISO 527 (2012)	%	2,3
Flexural strength	ISO 178 (2011)	МРа	98
Flexural modulus	ISO 178 (2011)	МРа	3630
HDT	ISO 75-2A (2013)	°C	64

3) Properties are typical values, based on material tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.





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