



RENITHERM[®] TC Top Coat

Renitherm[®] TC Top Coat, is a contamination-less semiglossy high build two-component topcoat in the Renitherm[®] fire protective paint system.

Based on hydroxyl group containing acryl resins and aliphatic isocyanates with mica and/or micaceous iron oxide.

It has the following advantages:

- Good resistance to ultraviolet light
- Good weather and chemical resistance
- High gloss resistance
- Excellent physical properties such as impact and abrasion resistance, and sufficient hardness.
- Excellent resistance to oil and chemicals

Technical Data	Renitherm [®] TC Top Coat
Type	hydroxyl group containing acryl resins and aliphatic isocyanates with mica and/or micaceous iron oxide
Recommended Use	Top Coat in the Renitherm [®] fire protective system for steel
Mixing Ratio Base : Hardener	10 : 1 (by weight) 7 : 1 RAL 9006
Colour	Mica-colours acc. to TL/TP ING appendix H or according to RAL-colours or NCS-colours
VOC	(RAL 9010 – basis) 420 g/l in mixture
Application	brushing, rolling, airless-spraying
Recommended film thickness	up to 100 µm for airless spraying 40 – 70 µm for brushing
Solid content in mixture	approx. 53 % volume, approx. 69 % weight (white)
Specific gravity in mixture	approx 1,3 ± 0,2 g/cm ³
Coverage (theoretical)	approx 202 g/m ² / 80 µm (colour white)
Coverage (practical)	approx 320 g/m ² / 80 µm
Pot life	at least 6 hours at 20 °C / 24 hours at 5 °C
Thinner	Thinner 200

Technical Data	Renitherm [®] TC Top Coat
Drying Time at 80 µm	temperature 20 °C dust free 1 hour dry to touch 6 hrs overcoatable 8 hrs well cured 5 days
Condition for Application	min. temp. +5 °C
Viscosity	approx. 400 cp
Temperature stability	short-term up to 150 °C, constant load 120 °C
VbF class	Comp. A + B no declaration necessary
Packing	Comp. A = 10 kg, Comp. B = 1 kg Comp. A = 7 kg (RAL 9006), Comp. B = 1 kg
Shelf life	12 month in original unopened cans

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Remarks:

1. Surface preparation: the surface to be painted must be clean, free from rust, dirt, oil grease or other foreign matter using power wash, detergent, or solvent wipe.
2. In case of touching-up, sanding of paint film is required before application.



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AUDAX fully complies with the requirements of EN ISO 9001 standard. This certification is one more proof for Renitherm[®]'s quality, reliability and safety.



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