

TEMACOAT RM 40

 Product code: 161-serie
 Hardener: 008 5600

This information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

PHYSICAL PROPERTIES OF PAINTS

Test items	Value	Method	Note!
Density kg/l	1,3 - 1,4	ISO 2811	depending on shade
Nonvolatile content			
% by weight	77 ± 2	calculated	
% by volume	65 ± 2	ISO 3233	
Volatile Organic Compounds g/l	310 ± 20	calculated	
Viscosity			
s, DIN cup X		DIN 53211	
KU		ASTM D562	
cP	220 / 50 °C	ISO 2884	
Flash point, °C	25	ISO 3679	
Pot-life, h	8	ISO 9514	
Initial gloss, /60°	40 - 50	ISO 2813	
Hardness			
Pencil hardness test		ASTM D-3363	
Pendulum damping test, s	63	ISO 1522	König hardness/ 80 µm DFT
Adhesion			
Cross-cut test		ISO 2409	steel, aluminium, zinc
Pull-off test, MPa	> 6,0	SFS-EN 24624	DFT 80 µm
Corrosion resistance		ISO 7253	
Neutral salt spray, 2000 h			Substrate: blasted steel
Rusting	Ri 0	ISO 4628/3	Sa2½
Blistering	0	ISO 4628/2	Paint system/DFT: 200 µm

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Resistance to humidity, 1000 h Rusting Blistering	Ri 0 0	ISO 6270 ISO 4628/3 ISO 4628/2	Substrate: blasted steel Sa2½ Paint system/DFT: 200 µm
Chemical resistance - mineral oil - motor oil, synthetic - gasoline	good good good	ISO 2812-1, method 1	Separate list available
Water resistance 40°C immersion method/1 year	good	ISO 2812-2	200 µm DFT
Cold resistance	pass	Tikkurila method -60 °C / 5 h	
Heat resistance	120 °C, yellowing	ISO 3248	
Fullfils e.g. following requirements	SS 18 52 05 SSG 1006 -TD RAT 6639 ELI1600/91	Water vapour barrier coating / Technical Research Centre of Finland Grain carriage / Technical Research Centre of Finland	