

DUASOLID 50

 Product code: 527-serie
 Hardener: 008 7675

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 item	Value	Method	Note!
Density kg/l	1,5	ISO 2811	
Nonvolatile content			
% by weight	78 ± 2	calculated	
% by volume	65 ± 2	ISO 3233	
Volatile Organic Compounds g/l	320 ± 20	calculated	
Viscosity			
s, DIN cup 4		DIN 53211	
KU	85 - 100	ASTM D562	
cP		ISO 2884	
Flash point, °C		ISO 3679	
Pot-life, h	8 h	ISO 9514	
Initial gloss, /60°	65 - 80	ISO 2813	
Hardness			
Pencil hardness test		ASTM D-3363	
Pendulum damping test, s	80	ISO 1522	110 µm dry
Adhesion			
Cross-cut test	0	ISO 2409	
Pull-off test, Mpa	> 4	SFS-EN 24624	steel / Sa2½
Flexibility		ISO 1520	
Cupping test, mm			
Corrosion resistance		ISO 7253	
Neutral salt spray, 500 h			Substrate:Steel/Sa2½
Rusting	Ri0	ISO 4628/3	Paint system/DFT:100 µm
Blistering	0	ISO 4628/2	

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Resistance to humidity, 1 week		ISO 6270	Substrate:Steel/Sa2½
Rusting	Ri0	ISO 4628/3	Paint system/DFT: 100 µm
Blistering	0	ISO 4628/2	
Accelerated outdoor test (SCAB)		ISO 11474 (1998)	Substrate:Steel/Sa2½
6 monts		ISO 4628/3	Paint system/DFT:120 µm
Rusting	Ri0	ISO 4628/2	
Blistering	0		
Chemical resistance		ISO 2812-1	resistance list available
Gasoline resistance	not resistant	ISO 2812-1	
Water resistance		ISO 2812-2	
immersion method	not resistant		
Cold resistance	pass	Tikkurila method -60 °C / 5 h	
Accelerated weathering, 300 h		QUV-A, ASTM	
Gloss reduction, %	20 %	G154-00 ISO 2813	
Outdoor exposure, time 1 year		ISO 2813	
Gloss reduction, %	15 %		
Heat resistance	pass	ISO 3248	