

Designation of type	⇒ MMT	State of 4/18
Product description	⇒ Matt, high thixotropic thick-film synthetic resin coat ⇒ Simple processing, fast drying, good adhesion to steel ⇒ High stability on vertical surfaces ⇒ As single-coat paint or top coating with primer	
Application area	⇒ General industry, steel industry, protection against corrosion	
Binder	⇒ Modified alkyd resin	
Substrate/Preparation	⇒ As single-coat paint or on every 1-component primer ⇒ Steel: at least degrease, better hand or eccentric sanding St 2-3 (P80-P220) or sand blasted to Sa 2 ½ DIN EN ISO 12944, part 4 ⇒ Cast iron: sand blasted to Sa 2 ½ DIN EN ISO 12944, part 4 ⇒ All surfaces dry, free of fat, oil, grease and dirt	
Processing	⇒ Brushing, rolling undiluted, max. 10 % thinner VS 30; because of the fast drying are brush marks possible ⇒ Gravity feed gun: 1.6-2.0 mm nozzle, 3-4 bar atomisation pressure, 15-20 % thinner VS 30 ⇒ HVLP: 1.7-2.2 mm nozzle, 1.5-2,0 bar atomisation pressure 10-15 % thinner VS 30 ⇒ Double-diaphragm-pump: 1.0-1.2 mm nozzle, 2-4 bar atomisation pressure, material pressure 0.8-2.0 bar, 10-15 % thinner VS 30 ⇒ Airmix: 0,28-0,33 mm nozzle, 3-4 bar atomisation pressure, material pressure from 70 bar up, 5-15 % thinner VS 30 ⇒ Airless: from 0.28 mm nozzle up, material pressure from 140 bar up, 0-10 % thinner VS 30 ⇒ Electrostatic: optional adjustable ⇒ For single-coat painting, pre-spray once in difficult-to-reach areas ⇒ Dependent on film thickness 1-2 spraying cycles, 3-6 minutes intermediate flash off time ⇒ Ambient temperature: at least + 10° C, relative air humidity: max. 75 % ⇒ Object temperature: at least. + 5° C and at least 3° C above the dew point	
Viscosities	⇒ Viscosity at delivery: thixotropic ⇒ Compressed-air spraying: thixotropic ⇒ Airmix, Airless: thixotropic	
Thinner	⇒ VS 30	
Drying time at 20° C	⇒ Tack-free after approx. 1 hour ⇒ Ready for installation after approx. 2 hours ⇒ Complete drying after 1-2 days	
Colours	⇒ All RAL-colours, NCS and special colours on request	
Degree of gloss	⇒ Matt	

Specific weight	⇒ Ø 1.4 g/cm ³ (± 5% depending on colour)	
Solid matter content	⇒ Ø 66 % (percent by weight; ± 5 % depending on colour)	
Solvent content	⇒ Ø 34 % (percent by weight; ± 5 % depending on colour)	
Film thickness	⇒ 40-100 µm dry film thickness / 90-230 µm wet film thickness ⇒ At sand blasted to Sa 2½ (roughness depth 45 µm) at least 60 µm dry film thickness	
Theoretical coverage	⇒ Ø 8.0 m ² /kg at 40 µm dry film thickness	
Practical consumption	⇒ Compressed-air spraying: approx. 0.18 kg/m ² or 5.6 m ² /kg at 40 µm dry film thickness ⇒ Airless: approx. 0.31 kg/m ² or 3.2 m ² /kg at 80 µm dry film thickness	
VOC-value ready to use	⇒ 495 g/l	2004/42/IIA(i)(500)495
	⇒ Limiting value paint material for building: 500 g/l	
	⇒ Limiting value industrial coating: no specification Coating of other metal and plastic surfaces	
Standard packaging	⇒ 5 kg / 10 kg / 30 kg	
Shelf life	⇒ At + 10 to + 30° C and unopened packaging 1 year	
Material safety data sheet	⇒ No. 010	
Flash point	⇒ > + 23° C	