

Designation of type	⇒ DZ, DZG DB	State of 4/18
Product description	⇒ Special coating for hot dip galvanized steel ⇒ As single-coat paint or top coating with primer ⇒ Chalking under UV exposure (limited colour stability) ⇒ High stability on vertical surfaces ⇒ Type DZG DB (iron mica) for heavy protection against corrosion: as intermediate coating according to DB-prescription TL 918 300 folio 87	
Application area	⇒ General industry, protection against corrosion	
Binder	⇒ Modified PVC copolymer	
Substrate/Preparation	⇒ As coating system with primer: MEGENAX® Universal Primer SO 700 ⇒ 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 ⇒ Hot dips galvanized steel: sweeping, hand sanding or wetting agent washing DIN EN ISO 12944, part 4 ⇒ All surfaces dry, free of fat, oil, grease and dirt	
Processing	⇒ Brushing, rolling undiluted, max. 10 % thinner VS 15; because of the fast drying brush marks are possible ⇒ Gravity feed gun: 1.6-2.0 mm nozzle, 3-4 bar atomisation pressure, 15-20 % thinner VS 15 ⇒ HVLP: 1.7-2.2 mm nozzle, 1.5-2.0 bar atomisation pressure, 10-15 % thinner VS 15 ⇒ Double-diaphragm-pump: 1.0-1.2 mm nozzle, 2.5-3.5 bar atomisation pressure material pressure 0.8-2.0 bar, 10-15 % thinner VS 15 ⇒ Airmix: 0.28-0.33 mm nozzle, 3-4 bar atomisation pressure, material pressure from 70 bar up, 5-15 % thinner VS 15 ⇒ Airless (DZ): from 0.28 mm nozzle up, material pressure from 100 bar up, 0-10 % thinner VS 15 ⇒ Airless (DZG DB): from 0.33 mm nozzle up, material pressure from 170 bar up, 0-5 % thinner VS 15 ⇒ 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:	22- 30 sec. 4 mm / DIN
	⇒ Double-diaphragm-pump:	30- 40 sec. 4 mm / DIN
	⇒ Airmix:	40- 50 sec. 4 mm / DIN
	⇒ Airless:	80-100 sec. 4 mm / DIN

Thinner	⇒ VS 15	
Drying time at 20° C	⇒ Tack-free	after 1-2 hours
	⇒ Ready for installation	after 4-5 hours
	⇒ Complete drying	after 1-2 days
Recoatibility	⇒ DZG DB after ca. 12 hours	
Colours	⇒ All RAL-colours, DB iron mica colours, special colours	
Degree of gloss	⇒ Type DZ silk-matt, Type DZG DB matt	
Specific weight	⇒ DZ Ø 1.25 g/cm ³ (± 5 % dependent on colour); DZG DB Ø 1.50 g/cm ³	
Solid matter content	⇒ DZ Ø 60 % (percent by weight; ± 5 % dependent on colour); DZG DB Ø 69 %	
Solvent content	⇒ DZ Ø 40 % (percent by weight; ± 5 % dependent on colour); DZG DB Ø 31 %	
Film thickness	⇒ 40-80 µm dry film thickness / 90-180 µm wet film thickness	
	⇒ At sand blasted to Sa 2½ (roughness depth 45 µm) at least 60 µm dry film thickness	
Theoretical coverage	⇒ DZ Ø 8.0 m ² /kg at 40 µm dry film thickness; DZG DB Ø 3.5 m ² /kg at 80 µm	
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	
	⇒ Airless (DZG DB): approx. 0.36 kg/m ² or 2.8 m ² /kg at 80 µm dry film thickness	
VOC-value ready for use	⇒ 495 g/l	
	⇒ Limiting value paint material for buildings: 500 g/l	2004/42/IIA(i)(500)495
	⇒ Limiting value industrial coating: no specification	
	Coating of other metal and plastic surfaces	
Standard packaging	⇒ 5 kg / 10 kg / 25 kg	
Shelf life	⇒ At + 10 to + 30° C and unopened packaging 1 year	
Material safety data sheet	⇒ No. 011	
Flash point	⇒ > + 23° C	