

TECHNICAL DATA – PERFECT METAL SURFACE SPRAYS

Product Name	Zinc Spray	Zinc Spray Light	Zinc Spray Perfect	Zinc Spray Light Perfect	Aluminum Spray Matt Perfect	Stainless Steel Spray Perfect	Brass Spray Perfect	Copper Spray Perfect	Aluminum Silver Spray High-Gloss Perfect
Art. No.	0893 113 113	0893 113 114	0893 114 113	0893 114 114	0893 114 115	0893 114 116	0893 114 117	0893 114 118	0893 114 119
Chemical basis	Alkyd resin	Alkyd resin combination	Alkyd resin	Alkyd resin combination	Alkyd acrylic combination	Alkyd resin combination	Nitrile combination resin	Nitrile combination resin	Ethyl-cellulose synthetic resin
Pure zinc	97 %	96.50 %	99 %	98.50%	-	-	-	-	-
Cross-cut (DIN 53151)*	GT0-1	GT0-1	GT0-1	GT0-1	GT0-1	GT0-1	GT0-1	GT0-1	GT0-1
Salt spray test (DIN 50021)	100 hrs	100 hrs	500 hrs	250 hrs	-	-	-	-	-
Dry layer thickness 1 Back-and-forth motion	about 50 µm	about 30 µm	about 40 µm	about 40 µm	about 50 µm	about 30 µm	about 25 µm	about 36 µm	about 7 µm
Recommended layer thickness	70 µm	70 µm	40 µm	40 µm	50 µm	30 µm	25 µm	25 µm	7 µm
Dust-dry (with recommended dry layer thickness)	20 min	Approx. 15 min.	5 min	Approx. 15 min.	20-30 min	Approx. 15 min.	5 min	6 min	Approx. 15 min.
Fully hardened (with recommended dry layer thickness)	120 min	10-12 hrs	60 min	10-12 hrs	Approx. 8 h	10-12 hrs	80 min	90 min	4-6 hrs
Fast to handling (with recommended dry layer thickness)	20 min	15-20 min	18 min	15-20 min	45-60 min	20 min	14 min	17 min	25 min
Can be spot-welded	Yes	Yes	Yes	Yes	-	-	-	-	-
Temperature-resistance	Approx. +240°C	Approx. +240°C	Approx. +400°C	Approx. +300°C	Approx. +250°C	Approx. +240°C	Approx. +100°C	Approx. +100°C	Approx. +240°C, briefly +400°C
Minimum shelf life at +10°C: +25°C in months	24	24	24	24	24	24	24	24	24
Suitable for painting over	Condition: Preliminary testing required!								
Application surfaces with good adhesion	Steel, galvanized steel	Ferrous metals, galvanized surfaces, polycarbonate, polystyrene, PMMA	Steel, galvanized steel	Ferrous metals, galvanized surfaces, polycarbonate, polystyrene, PMMA	Metal, wood, cardboard, plastics: polycarbonate, polystyrene, PMMA	Metal, wood, cardboard, plastics: polycarbonate, polystyrene, PMMA	Brass, steel	Copper, steel	Metal, wood, cardboard

* Test to determine the adhesion of a coating on application surfaces. GT0 = Very good adhesion. GT5 = Very bad adhesion.