

572 Universal thermal paint silver

Highly heat-resistant special paint for metal surfaces based on silicone resin



Material description



Material type:	Highly heat-resistant special paint.	
Intended use:	For iron, steel structures and cast parts that are exposed to high temperatures of up to 650°C and large temperature fluctuations, e.g. car exhausts, boilers, chimneys, exhaust systems, ovens, external surfaces of barbecues, etc.	
Properties:	<ul style="list-style-type: none"> • Easy to process • Shock and impact resistant • High hiding power • heat-resistant up to approx. 650° C • Extremely high adhesion • No loss of adhesion even with shock cooling • Can be painted over with all highly heat-resistant silicone resin paints • without harmful lead and chromate compounds 	
Colour shades:	Order no: 572	Colour shade: silver (approx. RAL 9006) silk matt
Density:	approx. 1.1 g/cm ³	
Packaging:	3 x 750 ml	2 x 2.5 litres
Dilution:	Jaeger Special Thinner 44	
Storage:	Store in a cool, dry place in a tightly closed original container. Official regulations must be observed.	

Technical application notes

Dry film thickness:	Approx. 40 µm per coat	
Substrate preparation:	Remove scale, loose rust and grease. Dry or clean the surface. Use the smallest grain size when sandblasting. Sandblast according to Sa 2. Remove all old coatings beforehand.	
Coating structure:	1 - 2	Coatings Universal thermal paint silver
	After drying, bake at 180°C - 200°C so that the paint film reaches its full strength. No strength without baking.	
Reworkability:	With all highly heat-resistant silicone resin colours.	
Processing conditions:	The material, substrate and air temperature must not fall below 8°C or exceed 30°C during the entire processing time. The air humidity should be between 30% RH and 75% RH during the entire time.	
Tool cleaning:	With Jaeger Special Thinner 44 or Nitro Thinner	

Labelling

Waste code:	080111	Giscode:	not applicable
Disposal:	Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or authorised disposal companies.		
Other:	The accident prevention regulations of BG Chemie "Processing of coating materials (VBG 23), the leaflet "Solvents" (M 017) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed. Remove food from the relevant rooms during processing and the drying time. Further information can be found in the EC safety data sheet.		

Processing instructions

Application method	painting / rolling	Hand gun	airless spraying	Pressure vessel
Dilution	undiluted	~ 5 %	as required	~ 15 %
Viscosity DIN 4 mm		20 - 25		~ 15 %
Nozzle size		1,5 - 2,5	0,3 - 0,33	1,3 - 1,5
Injection pressure		3 - 4		3 - 4
Material printing				0,8 - 1,0

Drying	Dust-dry	Bake at 180 - 200 °C
(20°C/55% r.h.)*.	~ 30 min	~ 60 min

Yield	
m ² / litre	~ 8 - 9

* Specified drying times apply at 20°C / 55% relative humidity and sufficient air movement.

- The following conditions can delay drying:
- Low temperatures
- High humidity
- Excessive layer thickness
- Lack of air movement

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