

UHS Primer Filler

UHS Grundfüller

D551



Shelf life: 36 months
 Color: gray
 Pack: 3,5 l; 1 l
 EU/2004/42 Cat II B(c) VOC 510 g/l
 (VOC limit 540 g/l)

Properties

Two-pack Ultra high solids Primer Filler D551 is a high-build primer which allows to obtain very thick layers. It builds high-quality easy-to-sand coating resistant to shrinkage and edge markings.

Usage tips











To achieve the best results, it's recommended to use the guide coat while sanding. The final thickness of D551 layer must be not less than 50 microns. So it's necessary to repeat application of D551, if there are spots of ground layers and/or the thickness is insufficient after sanding. D551 should be used with Elastic Additive D101 (see p. 23) when applied on plastics.

Substrates*		
	Bare steel	Degreasing, dry sanding with P240, blowing off, degreasing
	Old paint/ Polyester putties/ Aluminium	Degreasing, dry sanding with P240 or with red sanding pad, blowing off, degreasing
	Galvanized steel	Degreasing, dry sanding with P240 or with red sanding pad, blowing off, degreasing
*To increase moisture/corrosion resistance bare metal should be insulated with anticorrosive primer.		

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Mixing ratio		By volume	By weight
	UHS Primer Filler D551	100 ml	100 g
	HS Hardener fast D222	20 ml	12 g
	Uni Thinner D110	15-25 ml	9-14 g
Viscosity (DIN 4, at 20 °C)			
	25-30 sec		
Pot-life (at 20 °C)			
	1 h		
Application		Gun tip	Pressure
	Gravity gun	1,6-1,8 mm	3-4 bar
	HVLP gravity gun	1,6-1,8 mm	2 bar
	Number of coats	2-3	
	Recommended thickness of dry single layer	60-70 microns	
	Humidity	≤ 75%	
	Temperature	+15 °C - +30 °C	
Flash-off time (at 20 °C)			
	7-10 min (between coats) 15 min (before forced drying)		
Drying times (sandable)		at 20 °C	at 60 °C
		4 h	20 min
IR drying (short waves)			
	10 min		
Sanding			
	Dry	P320-500	
	Wet	P600-1000	
Topcoat			
Acrylic enamels, solvent- or waterborne basecoats			