

Product Data

HEMPAXANE CLASSIC 55000

BASE 55009 with CURING AGENT 98000

Description:	HEMPAXANE CLASSIC 55000 is a two-component, high-solids, high-gloss, polysiloxane enamel with excellent gloss and colour retention.						
Recommended use:	As an isocyanate free glossy decorative and protective, high build finishing coat for new steel structures in severely corrosive atmospheric environment. Minimum temperature for curing is 0°C/32°F.						
Service temperatures:	Maximum, dry exposure only: 120°C/248°F.						
Certificates/Approvals:	Complies with EU Directive 2004/42/EC, subcategory j (see REMARKS overleaf).						
Availability:	Part of Group Assortment. Local availability subject to confirmation.						
PHYSICAL CONSTANTS: Colours/Shade nos: Finish: Volume solids, %: Theoretical spreading rate: Flash point: Specific Gravity: Dry to touch: Fully cured: V.O.C.:	Grey/17380* High-gloss 85 ± 1 6.8 m²/litre - 125 micron 273 sq.ft./US gallon - 5 mils 45°C/95°F 1.4 kg/litre - 11.7 lbs/US gallon 6 hours at 20°C/68°F 7 days at 20°C/68°F 195 g/litre - 1.6 lbs/US gallon *Wide range of colours available via Hempel's MULTI-TINT system. The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.						
APPLICATION DETAILS:	Page EE000 + Curing agent 0	2000					
Mixing ratio for 55000:	5.6 : 4.4 by volume	Base 55009 : Curing agent 98000					
Application method:	Airless spray	Brush					
Thinner (max.vol.):	08080 (10%)	08080 (5%) - See REMARKS overleaf					
Pot life:	4 hours (20°C/68°F)						

Nozzle orifice: Nozzle pressure Cleaning of tools: Indicated film thicknes

Indicated film thickness, dry: Indicated film thickness, wet: Recoat interval, min: Recoat interval, max:

Safety:

5.6 : 4.4 by volume Airless spray Brush 08080 (10%) 08080 (5%) - See REMARKS overlea 4 hours (20°C/68°F) .017"-.021" 100-125 bar /1450 -1800 psi (Airless spray data are indicative and subject to adjustment) HEMPEL'S TOOL CLEANER 99610 125 micron/5 mils 150 micron/6 mils 6 hours (20°C/68°F) 30 days (20°C/68°F) - See REMARKS overleaf

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas





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APPLICATION AND CURING CONDITIONS:	The surface must be completely clean and dry at the time of application, and its temperature must be above the dew point to avoid condensation. Minimum temperature for curing is 0°C/32°F, minimum relative humidity 30%. In confined spaces provide adequate ventilation during application and drying. Reference is made to separate application instructions.											
PRECEDING COAT:	HEMPADUR-system or GALVOSIL according to specification.											
SUBSEQUENT COAT:	None.											
REMARKS:												
VOC - EU directive		As supplied	pplied 10 vol. % thin		inning	Limit phase I, 2007			Limit phase II, 2010			
2004/42/EC:	VOC in g/I	225		290			550		ļ	500		
VOC: Colours:	For VOC of other shades, please refer to Safety Data Sheet. Certain lead-free red and yellow colours may discolour when exposed to chlorine- containing atmosphere. Leaded colours may become discoloured when exposed to sulphide-containing atmosphere.											
Service temperatures: Film thicknesses:	At service temperature above 100°C/212°F, slight discoloration may be expected May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating interval. Normal range is 100 - 125 micron/4 -5 mils. If the product is specified in lower film thickness, more thinning will be needed for proper film formation during spray application - additionally the colour in the preceding coat should be considered to reduce contrast.											
Recoating on HEMPADUR:	Recoat intervals (150 micron/6	s related to late	er co		•		SSIC 5	5000):				
			Minimum				Maximum					
	Surface tempera	ature	20°C/68°F Atmospheric				20°C/68°F					
	Recoated wit (quality numbers						Atmospheric					
		Mild		Medium	Severe		Mild	Medium	Severe			
	55000	6 hou	rs	6 hours	7 hours	3	0 days	30 days	30 days	i		
Thinner:	THINNER 0808			in genera	I. THINN	NER 08	3510 ma	ay be use	d alternativ	vely		
Exposure	depending on local conditions. HEMPAXANE CLASSIC 55000 will resist condensation and light rain after the dry to touch stage											
to humidity:	has been reached.											
Recoating:	If the maximum		rval	is exceede	ed, roug	hening	g of the	surface i	s necessar	y to ensure		
Application onto	intercoat adhesion.											
Application onto zinc silicate:	It is recommended to apply HEMPAXANE CLASSIC 55000 by using a "mist-coat" procedure provided the paint temperature is approximately above 20°C/68°F: A thin, undiluted coat is applied (the mist coat) and after a few minutes, a second coat is applied in the full specified film thickness. If the paint temperature is <u>below</u> 20°C/68°F, thinning (max 15%) may be required. HEMPAXANE CLASSIC 55000 is for professional use only.											

ISSUED BY: HEMPEL A/S - 5500017380CR005

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Product data are subject to change without notice and become void five years from the date of issue.