

## **BAJATHANE TOPCOAT 54551**

CURING AGENT 64051

Description:	BAJATHANE TOPCOAT 54551 is a two-component, polyurethane topcoat with superior gloss and color retention.							
Recommended use:	As a finishing coat for protection of vehicles and steel structures against weathering, UV degradation, etc with superior hardness and scratch resistance. Minimum temperature for curing is $-10$ °C /14°F.							
Service temperatures:	Maximum ,Dry: 120°C/248°F(see REMARKS overleaf).							
Availability:	Subject to confirmation.							
PHYSICAL CONSTANTS:								
Colours/Shade nos: Finish: Volume Solids, %: Theoretical spreading rate: Flash point: Specific gravity: Surface dry: Dry to touch: Fully cured: V.O.C.:	white/9034 Full Gloss 50 10.4 m²/litre - 50 micron 417 sq.ft./US gallon - 2 mils 31°C/88°F 1.3 kg/litre - 10.0 lbs/US gallon 2½(approx.) hrs at 20°C/68°F (ISO 1517) 8 (approx.) hours at 20°C/68°F 7 days at 20°C/68°F 445 g/litre - 3.7 lbs/US gallon * other shades according to assortment list .							
APPLICATION DETAILS:								
Mixing ratio for 54551: Application method: Thinner (max.vol.): Pot life: Nozzle orifice: Nozzle pressure: Cleaning of tools: Indicated film thickness, dry: Indicated film thickness, wet: Recoat interval, min: Recoat interval, max:	Base 54551 : Curing agent 64051 4.8 : 1 by weight Airless spray Air spray 08051 (5%) 08051 (20%) 2 hours (20°C/68°F) .017"019" 150 bar/2200 psi (Airless spray data are indicative and subject to adjustment) THINNER 08080 OR 08510 50 micron/2 mils 100 micron/4 mils See REMARKS overleaf See REMARKS overleaf							

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 of curing is –10 °C/14°F. at the freezing point and below, be aware of the risk of ice on the surface which will hinder the adhesion. High humidity and/or condensation during application and the following 16 hours (20°C/68°F) may adversely affect the film formation. In confined spaces provide adequate ventilation during application and drying.								
PRECEDING COAT:	BAJAPOX 11522 and BAJAPOX 13220 or according to specification.								
SUBSEQUENT: COAT:	None.								
REMARKS:									
Colours:	Certain lead-free red and yellow colours may discolour when exposed to sulphide and chlorine- containing atmosphere. At service temperature above 100 °C/212°F), slight discoloration may be expected.								
SERVICE TEMPERATUR:									
FILM THICKNESS:	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 40-60 micron/1.6-2.4 mils.								
Thinning: Recoating	The tipe and amount of thinner depend on application conditions, application method, temperature, ventilation, and substrate. THINNER 0808 is recommended in general. THINNER 0851 may be used alternatively depending on local condition. <b>Airless spray:</b> 5-15% thinning is recommended. Under extreme conditions up to more than 20% may be necessary to obtain satisfactory film formation. The best result is obtained by applying a mist coat of BAJATHANE ENAMEL 5521 at first, and then 2-15 minutes later apply to full film thickness giving a uniform film formation. Do not exaggerate the film thickness. <b>Physical data versus temperatures:</b>								
And drying/curing time:	SURFACE TEMPERATURE	ipora	-10°C/14°F	0°C/32°F	10°C/50°F	20°C/68°F	-30°C/86°F		
	Dry to touch,approx.		3 days	36 hours	16 hours	8 hours	6 hours		
	Resist condensing humidity/ light showers after*:		7 days	3 days	32 days	16 hours	12 hours		
	Fully cured, 70% RH		2 months	32 days	14 days	7 days	5 days		
	Recoating interval,	Min	6 days	3 days	32 hours	16 hours	12 hours		
	Recoating 5521 with 5521	Max	None	None	None	None	None		
	*Faster drying and curing may be obtained by using an "accelerator" - consult BAJAK for further advice.								
	A completely clean sur long recoating intervals detergent. Salts to be removed by cleaning a test patch is	s. An frest	y dirt, oil, ar n water hosi	nd grease ha	as to be rem k an adequa	noved, e.g. v	with suitable		
Note:	CURING AGENT 95370 is sensitive to moisture. Store in dry place and keep the can tightly closed until use. Open curing agent cans with caution as overpressure might exist. Even small traces of water in the mixed paint will reduce the pot-life and result in film defects. BAJATHANE TOPCOAT 54551 Is for professional use only.								
Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK Material Safety Data Sheets and follow all local or national safety regulations. This goes for personal protection such as, but not limited to, protection of lungs, eyes and of the skin, medical treatment in case of swallowing the paint or in case of other direct contact with the paint. Take necessary precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas and ensure that adequate forced Ventilation exists when applying paint in confined spaces or when the air is stagnant								

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