

**BAJAK'S RESIN 05500**

CURING AGENT 98500

**Description:** BAJAK'S RESIN 05500 is a solvent-free, two-component polyamine epoxy coating. It cures to a hard abrasion resistance coating with good chemical resistance.

**Recommended use:** For rebottoming of interior steel storage tanks with fibre woven mat in hand lay-up FRP systems. BAJAK'S RESIN 05500 can also be used to re-inforce the interior of concrete storage tanks.

**PHYSICAL CONSTANTS:**

Colours/Shade nos:	Translucent green/00000
Finish:	Glossy
Volume Solids, %:	100
Theoretical spreading rate:	0.67 m <sup>2</sup> /litre – 1500 micron 32 sq.ft./US gallon – 50 mils
Flash point:	95°C
Specific gravity:	1.1 kg/litre – 6.2 lbs/US gallon
Dry to touch:	24 hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F

The physical constants are subject to normal manufacturing tolerances.

**APPLICATION DETAILS:**

Mixing ratio for 05500:	Base 05500 : Curing Agent 98500 1.8 : 1 by volume
Application method:	Brush Roller
Thinner (max.vol.):	Do not dilute Do not dilute
Pot life:	4 hours (20°C/68°F)
Cleaning of tools:	BAJAK'S TOOL CLEANER 99610
Indicated film thickness:	System including mat, tissue and gel coat approx. 1500 micron/60 mils. Double layer mat approximately 3000 micron/120 mils.
Recoat interval, min:	24 hours (20°C/68°F)
Recoat interval, max:	3 days (20°C/68°F)

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SURFACE PREPARATION :	Steel : Abrasive blasting to minimum ISO 8501-1:1988 standard Sa 2½ - 3, depending on area of use. Minimum roughness corresponding to Rugotest No. 3, BN11. Oil and grease must be removed by emulsifier cleaning and salts by high pressure hosing prior to blasting. After blasting, clean the surface carefully from abrasive and dust.  Desert sand not recommended.  Concrete: (Dry, fully cured)  The concrete must be of good quality and fully cured. Minimum pull-off value should normally be 20 kilopond/cm <sup>2</sup> measured after surface preparation.  Cracks, crevices and voids must be repaired. The surface must be dry and free from dust, grease, etc. Laitance layer and loose particles must be removed, preferably by abrasive sweeping. The blasted or otherwise treated surfaces must be cleaned from dust abrasive, etc. , preferably by high pressure water hosing, whereupon complete drying must take place.  Furthermore, see data sheet for BAJAPOX SEALER 0597 which is used to steel the surface. Necessary filling can then be done with, e.g BAJAK'S EPOXY KNIFING FILLER 355SA or with BAJAK'S EPOXY GROUT 353SA.
APPLICATION CONDITIONS:	Minimum temperature of material and substrate during application should be 15°C/59°F while curing will proceed down to 10°C/50°F. Clean and dry surface with a temperature above the dew point to avoid condensation.
PRECEDING COAT:	According to specification.
SUBSEQUENT COAT:	None or BAJAPOX 1540, BAJAPOX HIGH-STRENGTH 35530 or according to specification.
REMARKS:	
APPLICATION:	For further application details, consult the application instructions or contact the BAJAK office.

Note: **BAJAK'S RESIN 05500 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. Harmful or fatal if swallowed; Immediately seek medical assistance if swallowed, Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. 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. Always take precautions against the risks of fire and explosions.

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