



BAJAK'S VINYLESTER GF 35920

HARDENER 99020

Description: BAJAK'S VINILESTER GF 35920 is a high solid, two-component, heavy duty lining system based on vinylester copolymer reinforced with glass flakes. Applicable in thick coats by standard heavy duty airless spray equipment.

Recommended use:

1. As rust preventing coating for areas exposed to high abrasion and impact.
2. As rust preventing coating for areas requiring short interval between application and seawater immersion – 6 hours at 20°C/68°F is required.

Service temperatures:

Maximum:	Dry: 140°C/284°F	In water (maximum temperature gradient 35°C/63°F): 80°C/176°F.
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PHYSICAL CONSTANTS:

Colours/Shade no:	Off-white / Yellow
Finish:	Flat
Volume solids, %:	90 (see REMARKS overleaf)
Theoretical spreading rate:	1.4 m ² /litre – 650 micron 56 sq.ft./US gallon - 26 mils
Flash point:	26°C/79°F
Specific gravity:	1.2 kg/litre - 10.2 lbs/US gallon
Dry to touch:	4 (approx.) hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	35 g/litre – 0.3 lbs/US gallon

Shelf life: 6 months 25°C/77°F from time of production.
Shelf life is dependent on storage temperature. Shelf life is reduced at storage temperatures above 25°C/77°F. Do not store above 40°C/104°F

APPLICATION DETAILS:

Mixing ratio for 35920:	Base 35920 : hardener 99020 97.5: 1.5 by volume
Application method:	Airless spray Brush/roller (See separate Application instructions)
Thinner (max. vol.):	Do not dilute (See separate Application instructions)
Pot life:	45 minutes (20°C/68°F) (See separate Application instructions)
Nozzle orifice:	.030"-.060" (Reversible)
Nozzle pressure:	Min 275 bar/4000 psi (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	Styrene and methyl ethyl ketone (See separate Application instructions)
Indicated film thickness, dry:	650 micron/26 mils
Indicated film thickness, wet:	725 micron/29 mils
Recoat interval, min:	With itself: 2 hours (20°C/68°F); others 16 hours (20°C/68°F)
Recoat interval, max:	3 days (20°C/68°F)

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SURFACE PREPARATION:	<p>New steel: Abrasive blasting to min. Sa 2½.</p> <p>Minimum surface profile corresponding to Rugotest No. 3, BN 11, Keane-Tator Comparator, 5.5 G/S, or ISO Comparator Coarse (G). Oil and grease must be removed by suitable detergent, salts and other contaminants by (high-pressure) fresh water hosing prior to blasting. After blasting clean the surface carefully from abrasives and dust.</p> <p>Maintenance: On old exposed areas excessive amounts of soluble salt residues (in pittings) may call for water jet cleaning or wet abrasive blasting followed by dry abrasive blasting. Alternatively dry abrasive blasting, high pressure fresh water hosing, drying and finally, dry abrasive blasting again.</p>
APPLICATION CONDITIONS:	<p>Use only when application and curing can proceed at temperatures above 10°C/50°F.</p> <p>The in-can temperature of the vinylester material should be between 15°C/59°F and 25°C/77°F to facilitate proper application properties.</p> <p>Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Relative humidity max. 85%. In confined spaces provide adequate ventilation during application and curing.</p>
PRECEDING COAT:	None.
SUBSEQUENT COAT:	None, or solvent-based coatings as per specification.
REMARKS:	
Film thicknesses:	<p>May be specified in another film thickness than indicated depending on purpose and area of use. Normal range dry is 650-750 micron/26-30 mils. Absolute minimum is 500 micron/20 mils. Maximum not more than 1250 micron/50 mils.</p>
Volume solid:	<p>Theoretically, the products contain 100% solid.</p> <p>By practical spray application, however, one of the reactive components added in surplus will be lost as volatile in an amount of approx. 0.035 kg per litre.</p> <p>Furthermore, the curing process is accompanied by a contraction of approximately 6%. These two factors result in a volume solid of 90% and a spreading rate of 1.4 m²/l at 650 micron.</p> <p>By extremely unfavourable application conditions, higher losses may result in a "theoretical" spreading rate of approximately 1.2 m²/l at 650 micron. The curing is, however, not affected by the higher loss.</p>
Note:	BAJAK'S VINYLESTER GF 35920 is for professional use only.
Safety:	<p>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. 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.</p>