



شرکت رنگ سازی الوان فام

سهامی خاص، شناسه ملی ۱۴۰۰۸۵۹۳۳۰۴

ALVAN FAM Paint Co.

Date 1403/07/10

تاریخ:

Ref.No.: 03/07/630

شماره:

Alvan Fam

Vinyl Ester Glass Flake solvent free- VGF-3000

Product Description

VGF-3000 is a solvent free, two-component, heavy duty lining system based on epoxy vinyl ester copolymer and glass flake pigment with barrier effect. Applicable in thick coats by standard heavy duty airless spray.

Recommended Use

1. As a high chemical resistance coating for chemical plant over concrete and steel substrates.

Surface Preparation

All surface to be coated clean, dry and free from contamination. Fresh water wash or water wash with high pressure, as appropriate, and remove all oil or grease, soil contaminants, and other detrimental foreign matter in accordance with SSPC-SP1 solvent cleaning.

gray
%100 (curable material)
2 (approx.) hours at 20°C/68°F
1.2-1.4 kg/lit
100/2
4 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
1.4 m ² /litre – 650 micron dft
2 days at 20°C/68°F

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تلفن: ۰۵۱ ۴۶۱۸۸۷۲۰-۲۴ فکس: ۰۵۱۴ ۶۱۸۸۷۲۴





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Application method

Can be used with hand lay-up, spray-up, and filament winding

Thinner (max. vol.):	Do not dilute
Pot life:	15 minutes (20°C/68°F)
Nozzle orifice:	.030"-.060" (Reversible)
Nozzle pressure:	Min 275 bar/4000 psi
Cleaning of tools:	Methyl ethyl ketone
Indicated film thickness, dry:	700 micron/28 mils
Recoat interval, min:	2 hours (20°C/68°F);
Recoat interval, max:	3 days (20°C/68°F)

Environmental Conditions

Use only when application and curing can proceed at temperatures above 10°C/50°F.

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.

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.

Film thicknesses:	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. Maximum not more than 1250 micron/50 mils.
Volume solid:	Theoretically, the products contain 100% solid. 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. 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 m ² /l at 650 micron. By extremely unfavorable application conditions, higher losses may result in a "theoretical" spreading rate of approximately 1.2 m ² /l at 650 micron. The curing is, however, not affected by the higher loss.

SAFETY

Handle with care. Before and during use, observe all safety labels on packaging and paint containers,. 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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