

Flowfast 407 VR

Flowfast 407 VR is a milky/cloudy, colourless liquid based on methyl methacrylate (MMA).

Uses

Flowfast 407 VR is used as a reactive diluent to reduce the viscosity of Flowfast flooring and Deckshield Rapide resins. When required, it is added to the Flowfast / Deckshield Rapide resin in a maximum proportion of 10 % by weight of resin. The use of Flowfast 407 VR does not cause any loss in cure or quality of the Flowfast / Deckshield Rapide Primers and Sealers; it only reduces the viscosity of the resin.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components. Safety Data Sheet must be read and understood before use.

Features & Benefits

- Processing aid
- Reactive diluent for MMA Primers and Sealers

Packaging

The product is supplied in full units.

Flowfast 407 VR	20 kg	20 ltr
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Standard Coverage

Maximum proportion of 10 % by weight of resin.

Characteristics (Liquid State)

Viscosity, 25°C (EN DIN 53019)	Approx < 1 mPa·s (shear rate 1500 s ⁻¹)
Density, 23°C (ISO 1183)	0.9 kg/l
Flash Point (ISO 1516)	+ 11.5°C

Storage

Time	12 Months in Unopened Packs. If longer than 12 Months consult Flowcrete.
Temperature	Storage temperature between 15°C and 20°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight and contamination ingress.

Usage Guidelines

For detailed information please see TDS of product that Thinner is going to be mixed with.

Mixing

Please refer to appropriate Flowfast Technical Data Sheet as per required specification.

Prior to use Flowfast / Deckshield Rapide resin must be carefully stirred to achieve a uniform distribution of paraffin contained in the product. Flowfast resin is thoroughly mixed with the Flowfast 407 VR.

Application / Pot Life

Flowfast 407 VR is used as a reactive diluent to reduce the viscosity of Flowfast flooring and Deckshield Rapide resins. When required, it is added to the Flowfast / Deckshield Rapide resin in a maximum proportion of 10 % by weight of resin.

The use of Flowfast 407 VR does not cause any loss in cure or quality of the finished product; it only reduces the viscosity of the resin.

Cleaning

Tools and equipment can be cleaned with Flowfast 405 Cleaner or Solvents (MEK/Acetone) immediately after application, cured remains can be removed only by mechanical means. Please refer to SDS when using solvents.

Additional Notes

1. The product has reached full chemical cure after 2-3 days at 20°C.
2. The applied colours may differ from the examples shown.
3. Tremco CPG Australia Pty Ltd [Tremco CPG] assumes no responsibility for the application of incorrect colour.
4. It is the applicators responsibility to verify accuracy of colour prior to application. Tremco CPG does not bear any responsibility or accept claims for incorrect colour after application of material.
5. Do not cover or wash within the first 2 hours of curing at 20°C.
6. This system should be installed at 3°C above the dew point.
7. Please ensure application temperature and RH limits are followed.
8. Wind or strong airflow may cause quick curing and drying of the system.
9. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.
10. Whilst the product is low in VOC (<140 g/L complying with Green Building Council of Australia Green Star Design & As Built V1.2-13.1.1B Green Star Interiors V1.2-12.1.1B) this product will emit a discernible odour during application.
11. In closed rooms a forced ventilation with at least 7-fold air exchange per hour is recommended. To provide for outside these conditions, please contact our Technical Service.
12. Direct heat during application of the system can cause flash curing and potential delamination. Ensure you do not apply this system to substrates with temperatures exceeding 30°C.
13. A permanent hot water loading can result in a white discoloration of the Flowfast 319 Flexible Seal sealer. Hot water causes thermal tensions, that can lead to crackle cracks. Therefore, where Flowfast 319 Flexible Seal is used in areas of hot water loading, always gather waste or flowing water (particularly hot water) into channels and convey it into a proper drainage system. Provide for enough gullies.
14. Tremco CPG warrants all goods to be free from defects and will replace materials proven to be defective but makes no warranty as to appearance of colour. The information and recommendations herein are believed by Tremco CPG to be accurate and reliable.