

Pipetank

Flake Glass Vinyl Ester



DESCRIPTION

Two component, solvented epoxy vinyl ester resin containing a flake glass with a particle size C

INTENDED USE

A highly impermeable coating to concrete or steel substrates

Suitable for the protection of plant and structures in chemical plants, coastal and marine environments

Applications include protection of storage tanks, vessels, ducts etc in the chemical processing, pulp and paper industries

PRODUCT FEATURES

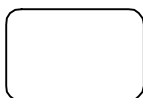
- Based on epoxy vinyl ester resins with superior thermal properties and corrosion resistance performance
- For application to steel and concrete surfaces, this system is applied onto a primer of rubber modified epoxy vinyl ester resin which provides increased adhesive strength superior resistance to abrasion and severe mechanical stress, while giving toughness and elongation
- The core coating is a flake glass containing an epoxy vinyl ester resin and selected particle size C glass flake

PACKAGING

- 5lt and 20lt Kits
- Peroxide Initiator supplied separately

STANDARD COLOUR AVAILABILITY

White and other various colours by arrangement



PRODUCT INFORMATION

- **Number of Components:** 2
- **Volume Solids:** 100%
- **Pot Life:** refer to Speccoats technical Department, Pot Life Varies on product specification
- **Film Thickness:** Wet 2-3mm
Dry 2-3mm
- **Spreading Rate theoretical**
 - **Primer** – 11.1m²/lt @ 90µm (allow absorption of 50µm by steel profile)
 - **Flake Glass Core Coating** – 1m²/lt @1mm (applied thickness will vary with application)
 - **Clear Surface** – 2.86m²/lt @ 350µm DFT
- **Viscosity at 25°C**
 - **Primer** >350mPAs
 - **Flake glass core coating**
 - Brush Grade 134-140 KU
 - Spray Grade 114-120 KU
 - **Clear Surface** >350mPAs
- **Temperature Resistance:** Dry 58°C

SURFACE PREPARATION

- Refer to Speccoats Technical Department for individual specifications and recommendations



APPLICATION





Conditions for Application

- A minimum surface temperature of 10°C is required for application. Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew Point

Mixing – Two Components

- Stir both components well with a flat bottomed paddle until they are uniform.

Application – Equipment & Methods

 Brushes	Suitable on angle iron structures, bridgework, pylons etc
 Rollers	Suitable on angle iron structures, bridgework, pylons etc
 Airless Spray	Refer to our Technical Service department
 Conventional Spray	<ul style="list-style-type: none"> Not Suitable

Cleaner

- Cleaning is done with **Speccoats Acetone Thinners**

APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	10°C*	15°C	30%
Max:	45°C	40°C	85%
*or 3° above the dew point			

DRYING TIME

- Refer to Speccoats Technical Department for individual specifications and recommendations

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

Flash Point - 21°C

HEALTH AND SAFETY

- Flammable – keep away from sources of ignition – No smoking!!!
- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. (Provisional Data Sheet to be read in conjunction with Data Sheet for Derekan* Momentum 441-400) **ISSUE DATE 01/11/2010**