

POLYGLASS

Polyglass VE Veilcoat

Product reference: 2/32

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Product title: Polyglass VE Veilcoat

Valid from: 27th November 1997

Last reviewed: July 2020

Type

A resin rich two-pack cold cured vinyl ester/ acrylic co-polymer containing small quantities of wax.

Suggested use

As a veil/top-coat in aggressive chemical environments which would otherwise attack the glass present in Corroglass and Polyglass products.

Limitations

Not designed for use as a stand-alone product. Where possible the product should not be overcoated with itself or other products due to the wax within the system. Recommendations regarding repair and overcoating are available from Corrocoat Technical Services.

Health & safety

Before handling or using this product the material safety data sheet should be read and all precautions observed.

Surface preparation

Metals: Gritblast to ISO standard 8501-1 SA 2½ near 3 or equivalent. (For full details refer to Corrocoat Surface Preparation SP1).

Application equipment

Airless spray or hand application. Graco King 30:1 (or greater) or similar airless pump, 10mm diameter (3/8") nylon lines. Large bore type mastic gun with 20-30 thou reversible or titan adjustable tip.

Mixing ratio

98:2 base to hardener.

Hardener type

Corrocoat catalyst P2-45.

Pot life

Approximately 50 minutes at 20°C, will vary dependent upon temperature. Please refer to Polyglass Application Data sheet.

Thinners

Do not add any thinners to this product. Addition of styrene should only be carried out when specified by Corrocoat Technical Services.

Packaging

20 Litre composite kits (including catalyst and inhibitor).

Storage life

6 Months at temperatures below 20°C and away from direct sunlight. Frequent temperature cycling will shorten storage life. See other information for extension of shelf life.

Colour availability

Unpigmented or off white only.

Recommended DFT

200-400 microns

Theoretical spreading rate

3.3m²/litre at 300 microns

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Volume solids

This material contains volatile liquid convertible to solids. Volume solids obtained will vary dependent upon polymerisation conditions. Nominally 99.5% of the contents are convertible to solid

Practical spreading rate

2.3m²/litre at 300 microns dft.

NOTE: This information is given in good faith but may increase dependent upon environment conditions, the geometry and nature of work undertaken and the skill and care of application. Corrocoat accept no responsibility for any deviation from these values.

Temperature limits

110°C immersed. No known lower limit.
185°C non-immersed.

Specific gravity

1.07 gcm⁻³ (mixed)

Overcoating

Overcoating of this product is not recommended. Should this be required please consult Corrocoat Technical Services. Once the maximum overcoating time has been reached, the adhesion values attained by any subsequent coat will reduce dramatically. It is important to observe maximum overcoating times and note these will vary with climatic conditions. Any further application of coating at this juncture should be treated as a repair, with the surface flashed over to provide a physical key. Styrene cannot be used to reactivate the surface and may in some cases impair adhesion.

Cleaning solvent

Methyl Ethyl Ketone etc - before gelation.

Reviewed: 07/2011
Reviewed 02/2014 (No changes)
Reviewed 12/2015
Reviewed 05/2016 (No changes)
Reviewed 05/2019
Revised 07/2020

All values are approximate. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Unless otherwise stated, physical data is based on a test temperature of 20°C, test results may vary with temperature. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.