

Paracoat Porosity Sealer Flex

Product Ref: DsL35-1118
Issue No: 02-1118



PRODUCT DESCRIPTION

Paracoat Porosity Sealer Flex is a single component, moisture triggered, polyurethane primer coat for use within Paracoat Cold Polyurea liquid waterproofing systems and designed for basic porous substrates.

USE

Paracoat Porosity Sealer Flex is primarily specified to enhance the adhesive strength of Paracoat Cold Polyurea liquid waterproofing membranes to substrates such as dry concrete, new timber, dry asbestos, old bitumen or old asphalt roof coverings.

APPLICATION

Preparation

- All substrates must be suitably clean or adequately prepared, dry and free from loose debris, laitance, oils or other surface contamination. Repairs to cracks, holes and other surface defects must be carried out prior to coating.

Test

- Where appropriate, preliminary adhesion tests should be undertaken to ensure sufficient membrane attachment has been achieved.
- **NOTE:** Should preliminary adhesion tests be unsuccessful, a blinding coat of kiln dried sand can be broadcast into the primer to enhance adhesive strength.

Mixing

- Before application, gently stir the single component **Paracoat Porosity Sealer Flex** with a mechanical mixing device at a low speed.

Application

- Once suitably stirred, apply **Paracoat Porosity Sealer Flex** to the clean and prepared substrate a rate of 0.300kg/m² by brush, sheepskin roller or airless spray.
- Recommended ambient temperature application should be between 5-30°C.
- **Paracoat Porosity Sealer Flex** should be applied to substrates with a minimum surface temperature of >5°C and rising.

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Curing Time

- Overall curing time will be 5 hours on average. However, this figure may vary subject to climatic conditions.

TECHNICAL DATA

Product Properties		
Chemical description		Moisture-cured Single Component Polyurethane Resin with Organic Solvent
Physical state		Liquid
Non-volatile content		>69%
Flash point		36 °C (ASTM D 93)
Colour		Clear
Density		1.0 g/cm ³ (25 °C)
Viscosity	10 °C	800mPa.s
	20 °C	350mPa.s
	30 °C	270mPa.s
VOC (g/L i%)		300 g/l
Pot Life	25 °C / 60%rh	1 Hour
Hardness (Shore)		65A (ISO 868)
Elongation		300%
Tensile strength		4.1 MPa
Thermal resistance		Up to 80 °C
Typical system thickness (approx.)		0.3mm
Shelf life		12 months

PACKAGING

- Paracoat Porosity Sealer Flex is supplied in 20kg metal containers.
- Palletised information is available upon request.

STORAGE

- Store in a sheltered, cool and dry environment away from any heat or ignition source.
- Store below 35 °C.
- Partly used containers should be resealed immediately and re-used as quickly as possible.

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HEALTH AND SAFETY

- **Paracoat Porosity Sealer Flex** contains flammable solvent. Take all necessary precautions during handling and transport.
- Empty containers of **Paracoat Porosity Sealer Flex** should be considered as hazardous waste and disposed of with an authorised waste management company.
- See the appropriate Health and Safety Data Sheet for more detailed information.

This document is only a guide.

Langley Waterproofing Systems Ltd reserves the right to change the composition and fixing recommendations of products as a result of the evolution of knowledge and technology.