

Pararapide Sealer Coat

Product Ref: (DsL15-0516)
Issue No: 02-0117



DESCRIPTION

Pararapide Sealer Coat is a 2 component, fast-reactive, pigmented PMMA-based sealing resin used as a wearing layer for Pararapide systems. It is a high-grade, mechanically durable surfacing that can also be supplied with a textured slip-resistant finish.

USE

Pararapide Sealer Coat is used as a finish on Pararapide waterproofing systems and can be supplied in any colour that can also be used for creating patterns or lettering. The appropriate slip-resistant properties are achieved by using different toppings.

PACKAGING

Summer		Winter	
10.00kg	Pararapide Sealer Coat	10.00kg	Pararapide Sealer Coat
0.20kg	Pararapide Catalyst (2x0.1kg)	0.40kg	Pararapide Catalyst (4x0.1kg)
10.20kg		10.40kg	

COLOURS

Pararapide Sealer Coat is available in the following standard colour:

Dark grey (RAL 7043)
Other RAL colours are available on request.

APPLICATION

The product can be applied within the following temperature ranges:

Air:	-5 °C to 35 °C
Substrate*:	3 °C to 40 °C
Material:	3 °C to 30 °C

*The substrate temperature must be at least 3 °C above the dew point during application and curing.

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Moisture

The relative humidity must be $\leq 90\%$.

The surface to be coated must be dry and ice-free.

The surface must be protected from moisture until the coating has hardened.

Reaction Times

	Pararapide Sealer Coat (at 20°C, 2% Catalyst)
Pot Life	Approx. 15 mins
Rain-proof after	Approx. 45 mins
Can be walked on / overcoated after	Approx. 60 mins
Curing time	Approx. 3 hours

Higher temperatures or greater proportions of Pararapide Catalyst will reduce reaction times, while lower temperatures and smaller proportions of Pararapide Catalyst will increase reaction times.

The following table indicates the recommended amount of Pararapide Catalyst required to adjust the curing reaction to the temperature.

Product	Substrate temperature in °C / Required amounts of Pararapide Catalyst in % w/w (guide)												
	-10	-5	3	5	10	15	20	25	30	35	40	45	50
Pararapide Sealer Coat	-	-	4%	4%	4%	2%	2%	2%	2%	1.5%	1.5%	-	-

Consumption Rates

Substrate	Consumption
Smooth	0.50kg/m ²
Topped areas (depending on particle size)	0.60kg/m ²

Equipment/Tools

For Mixing:

- Twin-paddle stirrer and cordless drill

For Application:

- Finishing roller (Sheepskin roller, minimal shedding)
- Rubber blade, hard (For applying finish to topped surfaces)

Mixing

First stir the tub contents thoroughly (twin-paddle stirrer to be used at all times).

Then add the Pararapide Catalyst while stirring the resin at a slow speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in.

At product temperatures $< 10^{\circ}\text{C}$ the product should be stirred for 4 minutes, as the Pararapide Catalyst will take longer to dissolve.

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Substrate Preparation

The finish can be applied either to the hardened Pararapide Primer, waterproofing or self-levelling mortar, as required.

Application

Use the finishing roller to apply an even coat of primer.

Avoid fluctuating layer thicknesses.

Finished Design Options

Increased Slip-resistant Properties:

Top the freshly applied, still liquid finish with dry quartz sand.

Particle sizes of between 0.2 and 0.6 mm or 0.7 and 1.2 mm can be used, depending on the desired roughness.

Vacuum off the loose sand once the finish has hardened and then apply a final coat of finish with a sheepskin roller to cover the entire area.

For an enhanced appearance the first coat of finish can also be applied using a hard rubber blade and smoothed over with the finish roller (depending on the particle size of the topping approx. 0.60 - 0.80 kg/m²).

Finish design using Pararapide Quartz chippings:

Use a hopper gun to apply Pararapide Quartz chippings to the freshly applied finish while it is still wet.

A maximum of 50 g/m² can be applied, depending on the look required.

The surface should be completely covered with chippings, however there should not be any excess chippings as this could lead to reaction problems.

TYPICAL PROPERTIES

Density: 1.04-1.20g/cm³

The Density will vary depending on colour.

CLEANING

When work is completed or if it's interrupted, clean the tools thoroughly with Pararapide Cleaner within the pot life of the material (approx. 15 minutes). This can be done with a brush. Do not use the tools again until the Cleaning Agent has evaporated fully.

Simply immersing the tools in the Cleaning Agent will not prevent the material from hardening.

STORAGE

Store products sealed in their original airtight container and in a cool, dry and frost free place.

Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site.

After removing some of the contents, reseal the containers so they are airtight.

SAFETY

Please refer to the Health and Safety data sheets for the products used.

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.