



ASP-coatSL is a pigmented, solvent-free, seamless system applied as a 2mm self-smoothing epoxy floor coating, designed to protect concrete substrates.

ASP-coatSL is best suited to coat floors in medium- to heavy-duty dry processing areas where a smooth, durable, chemical resistant floor finish is required.

BENEFITS



Excellent resistance to cleaning solvents and various other industrial chemicals



Solvent-free and low odour formulation



Slip resistance profile may be customised



Hygienic, easy to clean, non-tainting and non-dusting coating



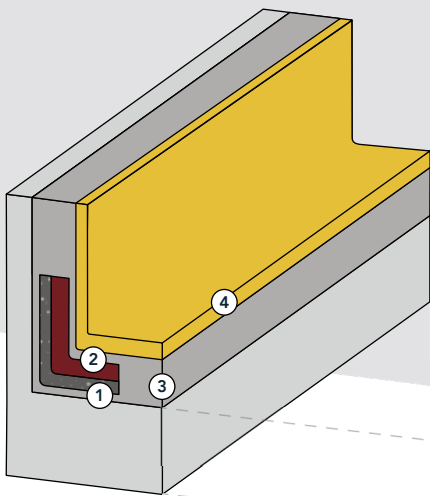
Excellent wear resistance for foot traffic, forklift truck traffic and hard plastic-wheeled traffic

APPLICATIONS

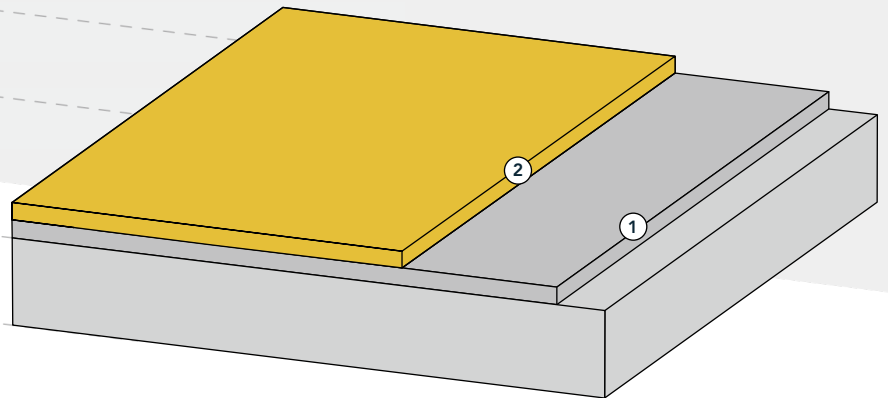
- Warehouse and distribution centres
- Chemical stores, clean rooms and laboratories
- Plant rooms and storage units
- Automotive repair and maintenance workshops and garages
- Hospitals, canteens and schools
- Printing plants
- Pharmaceutical and cosmetic industry

SYSTEM INFORMATION

Coving Components



Flooring Components



- 1 Primer and Scatter Sand**
 · ASP-primeStd 4m²/litre · ASP-Quartz 1 1kg/m²

- 2 Coving**
 · ASP-epoxyCove 1.8 litre/linear meter (75mm x 75mm)

- 3 Primer**
 · ASP-primeStd 4m²/litre

- 4 Coating**
 · ASP-coat500 4m²/litre

- 1 Primer**
 · ASP-primeStd 4m²/litre

- 2 Coating**
 · ASP-coatSL 2litre/m²

PRODUCT INFORMATION

| PRODUCT CHARACTERISTICS | RESULT |
|-------------------------|--|
| Appearance | Pigmented Gloss |
| Standard Colours* |       |
| Non-standard Colours** |       |

| | |
|----------------------------------|---|
| Theoretical Coverage | 0.5m ² /litre |
| Theoretical Coverage / 24.5l Kit | 12.25m ² |
| Storage | Keep at an ambient temperature in dry, cold-free conditions |
| Shelf Life | 12 months in unopened original packaging |

*RAL Numbers are only indicative of a reference of colour.

**Non-standard colours are available at a premium on request of a minimum order quantity.

TECHNICAL INFORMATION

| PERFORMANCE CRITERIA | RESULT | |
|----------------------|--|--------------------------------------|
| Fire Resistance | Class 4 - SANS 10177 - 4 : 2005 | |
| Compressive Strength | SABS SM 863:1994 | >70 N/mm ² |
| Flexural Strength | SABS SM 864:1994 | >25 N/mm ² |
| Tensile Strength | SABS SM 1253:1994 | >15 N/mm ² |
| Impact Resistance | ISO 6272-1:2011 | 1kg weight >1.8m 2kg weight >1.5m |
| Chemical Resistance | Resistant to a very wide range of chemicals. For a full chemical resistance breakdown, contact our Sales or Technical Services Team. | |
| Working Time | 15 – 20 minutes @ 20°C | |
| Speed of Cure @20°C | Light Foot Traffic – 16 hours | Heavy Duty Traffic – 48 hours |
| | Light Traffic – 24 hours | Full Chemical Cure – 7 days |

SUBSTRATE AND PREPARATION REQUIREMENTS

Concrete substrates to be coated must be sound and exhibit a minimum compressive strength of 25N/mm² and a minimum of 1.5N/mm² tensile strength for the application of the proposed system. The profile and levels must be appropriate for the application of the proposed system, capable of bearing loads, free of cracks and voids, and free from laitance, dust and other contamination. The substrate must be dry to 75% relative humidity and free from rising damp, ground water, oil and other contamination. Should there be rising damp, ground water problems or impurities such as penetrated oils, etc., please refer to the ASP Technical Team for a suitable and appropriate substrate preparation guideline or solution. The substrate may be prepared by diamond grinding or shot blasting to remove laitance. Irregularities, small damages and cracks must be repaired with an epoxy filler.

APPLICATION

PRIMER

Mix Base A and Hardener B with a low-speed drill fitted with a spiral mixing blade for approximately 3 minutes to obtain a homogeneous mixture. Ensure excessive air is not introduced while mixing. The mixed material must be applied within 15 minutes at 20°C. Apply immediately after mixing with a short-haired white roller or double-lipped rubber squeegee, working the resin well into the substrate, permeating any surface irregularities. On porous substrates, apply further resin until the substrate is completely wetted out. Avoid any ponding of the primer.

TOPCOAT

Mix Base A and Hardener B together with a low-speed drill fitted with a spiral mixing blade for approximately 2 minutes. Add in the Filler C and mix for a further 3 minutes to obtain a homogeneous mixture. Ensure excessive air is not introduced while mixing. The mixed material must be applied within 15 - 20 minutes at 20°C.

Apply immediately after mixing with a 5mm precision coating rake. Allow to stand for approximately 10 minutes, then roll with a bubble buster/spike roller to release any trapped air. Optional non-slip and textured finishes are available.

For more detailed information on substrate requirements and preparation, priming and application of the top coat, please refer to the product's method statement.

CLEANING OF TOOLS AND EQUIPMENT

All tools, equipment and mixing vessels may be immediately cleaned with a suitable water soluble solvent, epoxy thinners or acetone. Ensure that all washings are disposed of in accordance with the local environmental, health and safety by-laws.

MAINTENANCE

It is recommended that all spillages onto the ASP-coatSL be cleaned immediately to maintain the appearance and lifespan of the coating. ASP-coatSL must be regularly cleaned with a rotary brush or mechanical scrubbers using a suitable detergent.

ENVIRONMENTAL, HEALTH AND SAFETY REQUIREMENTS

Applicators must ensure the use of appropriate personal protective equipment when working with the product. All used and empty packaging, used solvents and washings must be disposed of in accordance with the local environmental, health and safety by-laws. Please refer to the product's material safety data sheet for more detailed information.

LEGAL NOTICE

African Specialist Polymers' systems and products are guaranteed against defective material and manufacture and are sold subject to its Standard Terms and Conditions of Sale, copies of which can be obtained on request.

The information and the recommendations relating to the application and end-use of African Specialist Polymers' products are given in good faith, based on African Specialist Polymers' current knowledge and experience of the products when stored, handled and applied in accordance with African Specialist Polymers' recommendations.

The information herein is of a general nature and as such no assumption can be made about a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of the selected products for their intended use.