



ASP-coat1000 is a pigmented, solvent-free, seamless system applied as a 1mm self-smoothing epoxy floor coating designed to protect concrete substrates.

ASP-coat1000 is best suited to coat floors in light- to medium-duty, dry processing areas where a hard-wearing, 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



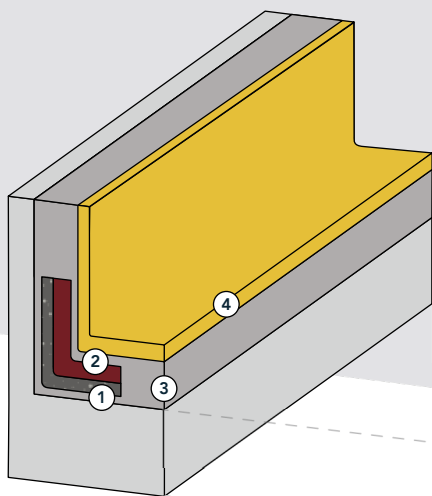
Excellent wear resistance to foot traffic, forklift truck traffic and hard plastic-wheeled traffic

## APPLICATIONS

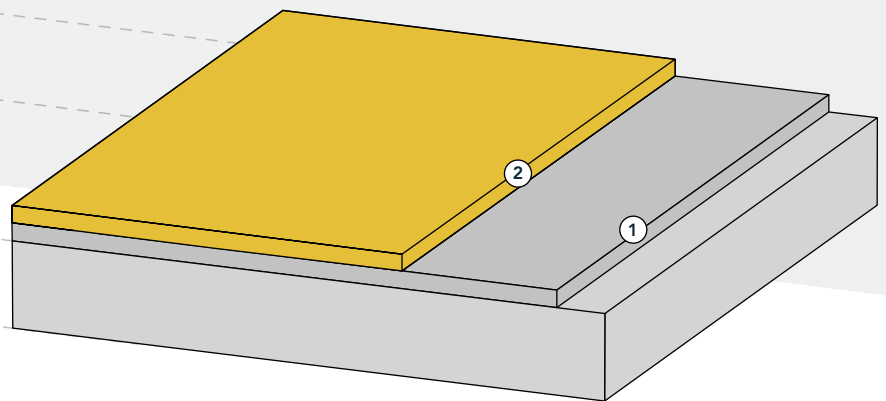
- Light to medium duty industrial process areas
- Warehouse and distribution centres
- Chemical stores, clean rooms and laboratories
- Plant rooms and storage units
- Automotive repair and maintenance workshops and garages
- Hospitals, canteens and schools
- Pharmaceutical and cosmetic industry

## SYSTEM INFORMATION

### Coving Components



### Flooring Components



- 1 Primer and Scatter Sand**  
 · ASP-primeStd 4m<sup>2</sup>/litre · ASP-Quartz 1 1kg/m<sup>2</sup>

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


- 3 Primer**  
 · ASP-primeStd 4m<sup>2</sup>/litre

- 4 Coating**  
 · ASP-coat500 4m<sup>2</sup>/litre

- 1 Primer**  
 · ASP-primeStd 4m<sup>2</sup>/litre

- 2 Coating**  
 · ASP-coat1000 1m<sup>2</sup>/litre

## PRODUCT INFORMATION

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

Theoretical Coverage	1m <sup>2</sup> /litre
Theoretical Coverage / 21.5l Kit	21.5m <sup>2</sup>
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 <sup>2</sup>
Flexural Strength	SABS SM 864:1994	>25 N/mm <sup>2</sup>
Tensile Strength	SABS SM 1253:1994	>15 N/mm <sup>2</sup>
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/mm<sup>2</sup> and a minimum of 1.5N/mm<sup>2</sup> 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 white short-haired 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 2.5mm 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-coat1000 be cleaned immediately to maintain the appearance and life span of the coating. ASP-coat1000 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

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