



SpECtop A100

COLOURLESS, HARDWEARING SURFACE COATING

DESCRIPTION

SpECtop A100 is a single pack, penetrating synthetic acrylic coating which has excellent adhesion to concrete substrates, porous tiles and clay products. It cures to form a semi-gloss flexible coating.

The coating is impervious to most oils, alkalis and commonly used chemicals.

TYPICAL USES

SpECtop A100 provides a coating, which acts as a protective barrier on porous surfaces thus resisting chemical attack and preventing dusting.

ADVANTAGES

- Cures and seals the floor in single operation
- Simple one part product applied by brush or spray
- Prevents dusting
- Waterproof
- Durable surface finish with good abrasion resistance.

TECHNICAL DATA

A colourless styrene acrylic copolymer resin in fast drying solvent.

Specific gravity	0.85 @ 20°C
Time between coats	2 hours minimum
Initial hardness	6 hours
Typical system thickness	100µm dft

APPLICATION

Preparation

The product can be applied by a roller or spray when the surface water has evaporated after the final finishing operation. The product requires no surface preparation providing the concrete does not exhibit a layer of laitance.

It is essential that a small trial area is prepared to confirm that the slight darkening caused by the coating is acceptable prior to proceeding.

Application

SpECtop A100 may be applied by brush, spray or roller. A continuous coating of uniform thickness should be achieved. A minimum of two coats is recommended.

PACKAGING AND YIELD

SpECtop A100 is supplied in the pack sizes given below with the following recommended theoretical coverage rate.

5 litres and 210 litres	
@ 170µm wft:	6.0 m ² /litre/coat (minimum 2 coats)

EQUIPMENT CLEANING

SpECtop A100 should be cleaned from tools and equipment immediately after use using **SpECtop Cleaning Fluid**.

LIMITATIONS

The durability of **SpECtop A100** may be reduced in areas of very heavy foot traffic and it is advisable to specify additional coats in such areas.

Alternatively higher build coatings such as **SpECtop SRE500** should be used.

STORAGE AND SHELF LIFE

SpECtop A100 has a shelf life of 12 months when stored in unopened packs in temperatures between 10 and 30°C and away from sources of heat and naked flame. If stored at higher temperatures the shelf life will be reduced.

HEALTH & SAFETY

SpECtop A100 & **SpECtop Cleaning Fluid** should not come into contact with skin or eyes or be

swallowed. Avoid inhalation of vapour or spray. Use only in well ventilated areas. If working in confined spaces, suitable respiratory protective equipment must be worn. Wear suitable protective clothing and eye/face protection. Barrier creams additional skin protection.

FLAMMABILITY

SpECTop A100 and **SpECTop Cleaning Fluid** are

flammable. No smoking. In the event of fire, extinguish with CO₂ or foam. Do not use spray.

FLASHPOINT

SpECTop A100	>60 °C
SpECTop Cleaning Fluid	>40 °C

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If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

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