

Technical Data Sheet

SDI 200 Polyaspartic Coating - Clear

Product Description

SDI 200 is a clear, two-pack aliphatic polyaspartic floor coating. The clear formulation is easy to mix and apply using squeegee, brush and roller.

Uses

- Topcoat over flake system.
- Topcoat over single solid colour two coat epoxy floors.

Technical Information

Description: 2-pack polyaspartic
 Colour: Clear.
 Finish: Glossy.
 Cleaner: Xylene.
 Mix Ratio: 1:1 v:v
 Pack Size: 10 litres.

Technical Advantages

- Low odour.
- High film build in one coat
- Durable - adapted from industrial resin technology.
- Fast Curing continues at low temperatures.
- Australian made for Australian conditions.

Chemical Resistance to Spillage (for fully cured films)

SDI 200 is resistant to exposure from spillage of most household & commercial chemicals, e.g. detergents, soaps, oils/grease etc.

Note - Staining may occur when exposed to aggressive chemicals. Good housekeeping practices, including dilution and spillage clean up, will minimise chemical damage.

Physical Characteristics

	SDI 200
Solids	95%
VOC (g/L)	70
Elongation	47%
Shore D	53
Abrasion mg	48
Ratio	1 : 1 by Volume

Curing Characteristics

	SDI 200 100 microns wft @ 25C 35%RH
Pot Life	60 mins
Recommended RH	20 - 65%
Recommended Temp	0C - 30C
Working Time	30 mins
Tack free time	90 mins
Recoat window	1.5 - 18 Hrs
Foot Traffic	3 Hrs
Vehicle Traffic	24 Hrs

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Surface Preparation

SDI 200 is generally used as a topcoat over a coating or flake. Ideally, the topcoat is applied within the recoat window of the prior coating. If applying outside of the recoat window, then clean coating to remove contaminants (if required), abrade with #80 grit sandpaper, vacuum dust and solvent wipe with xylene before overcoating.

Mixing

WARNING: Part B is a Class 8 Corrosive. For full safety instructions, consult SDS. Wear protective clothing, goggles and gloves to prevent skin and eye contact.

Shake containers well before use and mix at a ratio of 1:1 by volume using a drill mixer. Scrape mix bucket sides with a flat spatula at least once to ensure all product is taken in.

Application

Typical application by Squeegee, Brush, Roller.

Minimum application thickness @ 25°C - 70 microns.
Maximum application thickness @ 25°C - 300 microns.

It is possible to thin the product by adding add up to 5% xylene (moisture free)

Coverage

The actual coverage achieved by SDI 200 may depend on the substrate characteristics and condition. The theoretical yields for a 200-micron wet film are:

10 litre kit @ 5m²/L = 50m²

Product Characteristics

- If splitting a kit, shake/mix Part A and Part B well separately before measuring required volume.
- Do not add solvents unless absolutely necessary.
- SDI 200 is formulated to resist crawling, however it can occur on hard, glossy or contaminated surfaces.
- Optimum application conditions are 20C and 25C and relative humidity between 35% and 50%.
- Should not be applied in temperatures lower than 0°C.

Storage & Disposal

Keep containers closed when not in use. Store below 40°C. Do not store in direct sunlight. Shelf life is at least 12 months in original, unopened container. Seek advice from your local council regarding accepted disposal methods.

First Aid

CAUTION: KEEP OUT OF REACH OF CHILDREN.

IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water. **IF IN EYES:** Rinse cautiously with water for several minutes. Immediately call a POISON CENTRE (Australia - 13 11 26) or doctor/physician. If skin irritation occurs: Get medical advice/attention.

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