

Project Details

Project Name	
System Name	Flowshield SL 2mm Smooth

Architectural Specification

Flowshield SL

A durable, high-gloss, self-smoothing epoxy floor finish compliant with CSM® (Cleanroom Suitable Materials) requirements.

Thickness	2mm
Colour	
Slip Resistance	
Finish	Gloss
Cleanroom Suitable Material	Biological Resistance ISO 846 = Excellent
	TVOC ISO 14644-8 @ 20°C = ISO-ACCm Class -8.7
	Cleanroom Air Cleanliness ISO 14644-1 = ISO - Class 4
Curing	Full Chemical Cure 7 Days @ 20°C
Traffic	Full traffic after 48 hrs
Coving	Coving can form an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

Products Included In This System

Layer 1	Flowprime
Layer 2	Flowprime
Layer 3	Flowshield SL

Preamble

This specification assumes a concrete compressive strength greater than 25 N/mm², application and curing temperatures of 10–35°C, the presence of an effective damp proof membrane below substrate and concrete moisture content less than 75% RH. If moisture content is above 75% RH, please contact Flowcrete Australia.

This specification must be read in conjunction with relevant product technical data sheets and the application of all materials is to be strictly in accordance with manufacturer's instructions

Please consult product health & safety, system, product and application data or contact our Technical Advisory team for further information.

Please note, when printed or saved externally, this document is uncontrolled and therefore may not be the latest version.

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Surface Preparation

Surface preparation is to be completed by totally enclosed (light shot blasting) or coarse diamond grinding. All cementitious laitance must be removed to expose a sound substrate and provide a dry, dust free, open textured surface. All hard to reach areas and areas around the perimeter must be prepared using hand held preparation equipment.

Any damaged areas must be repaired with Flowtex F1 mortar. Consult Flowcrete prior to using an alternative repair mortar. Any rough or uneven areas must be made smooth with Flowcoat SC (Universal Resin Base A, Universal Hardener B, Sand/Flour). Consult Flowcrete prior to using an alternative scratch coat.

Cleaning

For specific cleaning and maintenance requirements, please consult our Technical Advisory team on **07 3205 7115** or email australia@flowcrete.com.

Note

Any recommendation or suggestion relating to the use of the products made by Flowcrete Australia Pty Ltd., whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.