

ALSAN FLOOR EP 041

TECHNICAL DATA SHEET 200203SCANE

(supersedes - 191113SCANE)



ACCESSORY PRODUCTS

APPLICATIONS

INDOOR APPLICATIONS

DESCRIPTION

ALSAN FLOOR EP 041 is a high performance two component 2:1 ratio by volume epoxy repair paste (Resin: Hardener). This high-performance epoxy paste is formulated for accelerated hardening. **ALSAN FLOOR EP 041** is odorless and contains zero VOC. **ALSAN FLOOR EP 041** demonstrates excellent adherence to concrete substrates and masonry. Because of its thixotropic and light formulation, **ALSAN FLOOR EP 041** is resistant to subsidence, and can be used to permanently fill and repair horizontal and vertical voids of concrete and masonry substrates. **ALSAN FLOOR EP 041** can also be used to create rounded joints between walls and floors before a seamless liquid flooring is laid.

SURFACE PREPARATION

Concrete surface must be prepared to obtain concrete surface profile (ICRI CSP) of 3 or 4. Before installing **ALSAN FLOOR EP 041**, the substrate should be clean, sound, dry and free of loose materials, grease and any contaminants, which may compromise the performance of the product. Shot-blasting and/or other adequate mechanical preparation of the substrate is strongly recommended prior to applying **ALSAN FLOOR EP 041**.

APPLICATION

MIXING

Once the substrate has been prepared, proceed to mixing. Add the content of **part B** to the content of **part A** and Mix for 2 to 3 minutes to achieve a homogeneous consistency. **ALSAN FLOOR EP 041** should be mixed in small amounts at a volumetric ratio of 2:1 to avoid the loss of unnecessary material.

APPLICATION

ALSAN FLOOR EP 041 is applied with a steel finishing trowel, taping knife, or rigid metal squeegee. The product may also be applied using a soft rubber squeegee. The product can be sanded or coated after the first 6 hours of hardening depending on the surface and environmental conditions. The window of application varies between 10 and 18 minutes depending on the environment surrounding the application.

RESTRICTIONS

This product is designed for application at temperatures between 10 and 30 degrees Celsius (50 to 86 degrees Fahrenheit). High temperatures significantly shortens container life and drying times. Lower temperatures will extend the life of the container and the drying times significantly. The moisture content of the substrate should not exceed 4%. Apply only to clean, solid and dry surfaces.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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CONDITIONING

CHARACTERISTICS		ALSAN FLOOR EP 041
Physical state		Paste
Colors	Part A	Black
	Part B	White
	Combined end Result	Grey
Volumic mass @ 25 °C (77 °F)	Part A	1,22 kg/L
	Part B	1,12 kg/L

PROPERTIES

PROPERTIES	Standards	ALSAN FLOOR EP 041
Compressive strength	ASTM D695	96,52 MPa
Bond strength	ASTM D4541	4,13 MPa
Elongation	ASTM D638	2 %
Hardness(Shore D)	ASTM D2240	85-95
Water absorption	ASTM D570	0.05 %
Pot life	-	10-18 min
Cure period @ 23 °C (73 °F)	-	3-5 h

(nominal values)

CLEANING

Clean tools using **ALSAN RS CLEANER** or petroleum solvents (mineral essence, xylene, etc.).

STORAGE AND HANDLING

Store original and sealed containers in a ventilated, dry place. Protect containers from frost, water, heat and sunlight. Keeping containers at high temperatures reduces the life of the product. Check product safety data sheets before use. The product has a lifespan of 12 months when stored under the right conditions.

For more information, please refer to the instructions on the container's label and the relevant Material Safety Data Sheet (MSDS)



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