

PRODUCT DATA SHEET

SikaCeram[®]-888 Epoxy Grout MY

High performance epoxy tile grout

DESCRIPTION

Formerly DAVCOPOXY 271.

SikaCeram[®]-888 Epoxy Grout MY is a water-based, two-component epoxy resin grout designed for setting and pointing ceramic tiles in industrial and residential environments. The product is easy to apply under normal ambient conditions and provides durable, chemical-resistant joints.

USES

SikaCeram[®]-888 Epoxy Grout MY is suitable for grouting ceramic tiles in areas exposed to chemicals, moisture, and harsh conditions. Suitable for industrial, commercial and residential applications, including:

- Food processing plants and commercial kitchens
- Restaurants and laboratories
- Engineering workshops and electronic industries
- Breweries, soft drink plants and dairy industries
- Palm oil, rubber and latex industries
- Petrol kiosks and swimming pools

CHARACTERISTICS / ADVANTAGES

- High chemical resistance
- Durable and hard-wearing grout joints
- Suitable for industrial and commercial environments
- Easy to apply under normal ambient conditions
- Good adhesion and mechanical strength
- Water resistant
- Anti-efflorescence

PRODUCT INFORMATION

Packaging	Part A (Hardener)	4 kg pail
	Part B (Resin)	1 kg can
	Part A+B	5 kg set
Appearance / Colour	Part A	White greenish
	Part B	White or dark grey paste
Shelf Life	12 months from date of production	
Storage Conditions	Store in cool, dry elevated place in original unopened conditions.	
Density	~1.40 g/cm ³	

TECHNICAL INFORMATION

Shore D Hardness	~50	(ASTM D2240)
Tensile Strength	~3 N/mm ²	(ASTM D638)
Elongation	~1 %	(ASTM D638)
Chemical Resistance	Chemical Type	Resistance
	Water (de-ionized, potable, seawater)	High
	Salt solutions	High
	Diluted acids	High
	Concentrated acids	Medium
	Alkaline solutions	High
	Cleaning agents and disinfectants	High
	Oils and fuels	High
	Industrial solvents	Medium
	<ul style="list-style-type: none"> Chemical resistance is determined under laboratory conditions using standard test specimens cured for 7 days at room temperature. Actual performance may vary depending on chemical concentration, temperature, exposure duration, and service conditions. 	

APPLICATION INFORMATION

Mixing Ratio	Part A : Part B = 4 : 1 (by weight)		
Consumption	Tile size	Joint width 1.5 mm	Joint width 3.0 mm
	20 mm × 20 mm × 5 mm	1.20 kg/m ²	2.40 kg/m ²
	25 mm × 25 mm × 6 mm	1.15 kg/m ²	2.30 kg/m ²
	50 mm × 50 mm × 6 mm	0.58 kg/m ²	1.15 kg/m ²
	100 mm × 100 mm × 6 mm	0.29 kg/m ²	0.58 kg/m ²
	150 mm × 150 mm × 10 mm	0.32 kg/m ²	0.64 kg/m ²
	200 mm × 200 mm × 10 mm	0.24 kg/m ²	0.48 kg/m ²
	200 mm × 250 mm × 10 mm	0.22 kg/m ²	0.43 kg/m ²
	300 mm × 300 mm × 10 mm	0.16 kg/m ²	0.32 kg/m ²
	600 mm × 600 mm × 12 mm	0.096 kg/m ²	0.19 kg/m ²
	800 mm × 800 mm × 12 mm	0.072 kg/m ²	0.14 kg/m ²
	The consumption above may only serve as a guide. It is highly recommended to carry-out trials on site to determine the actual coverage.		
Pot Life	~45 minutes at +30 °C		
Applied Product Ready for Use	~8–10 hours at +30 °C At lower temperature and humid conditions the curing time is longer.		

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Allow adhesive bed to set, normally between 24–48 hours before commencement of grouting.
- Remove tile spacers and rake out excessive tile adhesives between the tiles, ensure the joints are uniform in depth.
- Ensure tile joints are clean and free from dust/debris. If required, use compressed air or vacuum to remove dust/debris.
- All surfaces must be clean and free from movement, oil, grease, wax, curing compound and any other loose or contaminating materials.
- It is the user's responsibility to determine the condition and suitability of all surfaces prior to grouting application.

MIXING

Pour all of Part A and Part B into a clean container and start mixing using a spindle attached to a low-speed hand drill for ~3 minutes, until a homogeneous mix is achieved. Decant all the mixed material into another clean container, scrape the wall and base of the container to ensure all materials are decanted. Mix for another 30 seconds. SikaCeram®-888 Epoxy Grout MY is now ready to be applied.

APPLICATION

Apply in manageable sections to maintain workability within the stated pot life.

Place the mixed grout onto the tiled surface and compact firmly into the joints using a rubber grout float, working diagonally to ensure complete joint filling and void-free compaction.

Remove excess grout from the tile surface immediately by holding the float at a sharp angle to the surface.

Carry out cleaning immediately after application using a damp sponge and clean water. Rinse the sponge frequently and ensure all residues and surface films are completely removed prior to final set.

Allow the grout to cure for at least 24 hours before opening to traffic.

CLEANING OF TOOLS

All tools and application equipment's with clean water immediately after use. Hardened or cured material can only be removed mechanically.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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