

ISOPOOL 1055 C2ETS2

Product Data Sheet

Description:

Premixed, high performance, flexible, waterproof, reduced slip, extended open time cementitious ceramic tiles, and stone adhesive ISO POOL is consisting of high-quality types of cement, selected silica/quartz sands and specific additives with a high polymer content. It is suitable for laying tiles in the permanent water immersion areas.



Uses:

- 1-Adhesive ceramic, tiles, natural stone, marble, and granite For interior and exterior floors and walls.
- 2-Suitable for laying tiles and glass mosaics in swimming pools, basins, and water tanks.
- 3-Suitable for laying tiles in places exposure to thermal shock.
- 4-suitable for over-tiling applications on old tiles, without primer for the interior.

Advantages:

- Strong adhesion performance.
- High Waterproofing features.
- Easy application features.
- Long pot-life
- Resistance to thermal changes conditions.

Coverage:

Dependent on the surface profile and thickness of the layer applied. As an approximate CONSUMPTION RATE IS, ~ 3 - 5 kg/m² excluding application losses, surface porosity, etc of surface conditions.

Technical Properties:

Color:	White powder.	
Mixed product:	cement white.	
mixing ratio:	6.5-7 liters / 25kg powder.	
Slip:	≤ 0.5 mm	
Application Temperature :	+5°C min. / +35°C max.	
Service Temperature Range (after final cure)	-40°C min. / +80°C max.	
Grouting:	~8 hours (wall) ~24 hours after (floor)	
Consumption:	3.5 - 5 kg/m ²	
Tensile Adhesion Strength:	initial (after 28 days)	≥ 1 N/mm ²
	after heat exposure	≥ 1 N/mm ²
	after immersion in water	≥ 1 N/mm ²
Open Time: After 30 minutes	≥ 0.5 N/mm ²	
Deformability :	≥ 5 mm S2 Deformable .	

Application procedures:

The surface of substrates should be sound, free from laitance, paint, oil, grease, shuttering oil, backward curing compound and any other loose particles. Ensure that tiles are dry and free from any contaminates.

Mix 6,5 – 7 Liters of clean water with 25 kg of ISOPOOL in a pot, Adding ISO POOL should be gradual with mixing for 3 to 4

minutes by electrical mixer at low speed until a smooth, lump-free

the paste is achieved. Hand mixing is recommended only for small quantity but ensures that the powder/water ratio is maintained.

-To obtain a good adhesion first apply a thin coat of ISO POOL with the trowel flat side, then notch with the toothed side of the trowel.

-Tiles installed with ISOPOOL must not be subject to water for at least 24 hours.

-Dispose of mortars of which pot life is expired (after 30 minutes). Clean tools and hands with water, surfaces with a damp cloth.

Cleaning:

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

Packing:

White – 25 kg.

Storage:

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment.

Shelf life:

Shelf life is up to 12 months when stored as per recommendations.

Health and Safety:

As with all construction chemical product, caution should be always exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally allowed, do not induce vomiting, but call for medical assistance immediately.

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