

ISOPOOL 1055 C2ETS2

Product Data Sheet

Description:

ISOPOOL : Water resistant , flexible, deformable cementitious adhesive with extended open time, High-performance, reduced slip for ceramic tiles and stone material, Provides high adhesive strength and resistance to moisture.

Uses:

- 1-Interior and exterior floor and wall of ceramic tiles, natural stone, marble, granite.
- 2-Adhesive to tiles and glass mosaics in swimming pools, basins and water tanks.
- 3-bonding tiles in places where sudden temperature changes.
- 4-adhesive of ceramic tiles with pre-existing ceramics (same as for granite)

Advantages:

- Strong adhesive.
- Waterproofing.
- Excellent resistance to temperature changes.
- Easy to apply.
- Good pot life.

Coverage:

Dependent on the surface profile and thickness of the layer applied. As a guide, ~ 3 - 5 kg/m² excluding allowances for loss wastage, surface profile and porosity, etc.



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 Highly deformable.	



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Application procedures:

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

-Take measured quantity of clean water in a vessel 6,5 – 7 Liters for 25 kg of ISOPOOL, add the powder gradually and mix for 3 to 4 minutes until a uniform lump free consistency is obtained. A slow speed drill fitted with a paddle is recommended for mixing. Hand mixing is recommended only for small quantity but ensure that powder/water ratio is maintained.

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

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

-Dispose 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.

*Prior to each use of any product of ISOBIT, its subsidiaries or affiliates ("ISOBIT"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Datasheet which are available at www.isobitiraq.com or by calling ISOBIT's Technical Service Department at +9647501136936. Nothing contained in any ISOBIT literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each ISOBIT product as set forth in the current product label, Product Data Sheet prior to use of the ISOBIT product. ISOBIT warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO***

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