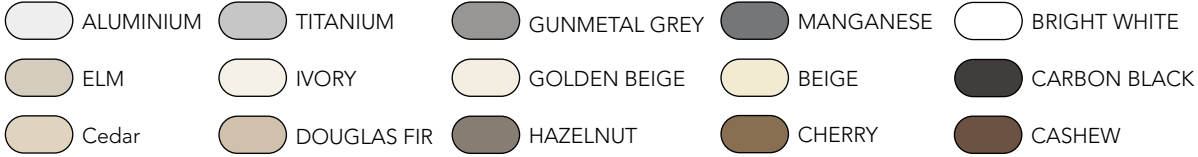


CERMISIL i-TECH

ESPECIALLY FOR TILES – AQUEOUS SILICONE-ACRYLIC CAULK



Indicative colour. Refer to the CERMIX colour chart.



DESCRIPTION

Next-generation, aqueous silicone-acrylic caulk, intended for sealing and bonding joints.

ADVANTAGES

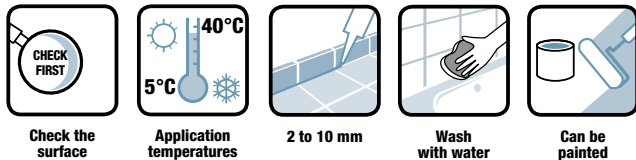
- Ideally suited for joints in walk-in, masonry and acrylic showers
- Extrudes easily
- Easy to smooth and clean with water
- Can be applied on wet surfaces
- High adhesion on concrete, ceramic and acrylic substrates
- Excellent mould-resistance
- Can be painted
- Solvent and odour-free
- Not harmful to the environment
- EPOSTYL and i-TECH colours

WHERE TO USE

- For making waterproof joints (tiles/toilets) and bonding joints in new work and renovation
- Suitable for shower pan joints, around vertical elements, in particular, on our liquid sealing systems CERMIPROOF ST, CERMITANCHE, our SPEC CERMICRYL as well as our acoustic insulation systems CERMIPHONE PLK plus and CERMIPHONIK.
- Adheres to tiles, glass, enamel, anodized aluminium, brick, concrete, painted wood, stainless steel, acrylic appliances
- Can be used on wet or dry substrates

HOW TO USE

Note: The following is a typical description of application. If your site has other parameters, contact our Technical Department.



Moisture resistant

SURFACE PREPARATION

Surfaces must be clean, free of dust, grease and any other substances that could affect the caulk's adhesion. Remove grease either with hot water or with a solvent-soaked pad followed by wiping with a clean cloth. In the case of a very porous substrate, CERMISIL i-TECH can be used as primer after diluting it at the rate of 1 volume of water per 1 volume of caulk. Allow to dry at least 1 hour.

APPLICATION

Up to 6 mm, the width of the joint equals its depth. Beyond that, the width of the seal (max 10 mm) is usually double the depth. Determine the joint depth using a round joint base made of PE or PU. When you apply CERMISIL i-TECH, make sure that the joint is fully filled. The seal must be smoothed using a damp tool before the skin forms.

FINISHING

Can be painted after crosslinking is complete. Test a small area in advance.

APPLICATION CONDITIONS

- Application temperature: +5°C to 40°C
 - Skin formation (pot life): approximately 30 minutes*
 - Drying time: 2-3 mm stripe in 24 hr*
 - Dust free: approximately 40 minutes*
 - Wait before spraying water: about 24 hr
- * at 23°C and 50% RH.

CLEANING AND MAINTENANCE

Clean areas and tools soiled with fresh caulk with water. Once it has reacted, remove the caulk by scraping then using a damp cloth.

COMMENTS

Do not apply in humid or wet conditions, or when rain or frost are imminent.

Must not be used for the construction of joints that will be permanently immersed (swimming pools, ponds, aquariums, etc.) or for applications with food contact.

Must not be used as floor seals if there is a risk of high, intense or abrasive traffic.

Not suitable for use on certain supports containing, for example, paraffin, wax, bituminous materials, lead, PE, PP, PMMA, Teflon, rubber.

The final colour is obtained after the caulk has completely dried.

TECHNICAL CHARACTERISTICS

APPARENCE – COMPOSITION

One-component aqueous silicone-acrylic caulk.

COVERAGE

5x5 mm section joint: approx. 12 m for one 300 ml cartridge.

TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS	Value
Movement capability	12,5%
Density	1,42
Shore A Hardness	Approximately 10
Elongation at break	around 350%
Elastic recovery	around 70%
Working temperature range	-35°C to 75°C
Loss of volume after drying	< 15%

Values obtained in the laboratory at 23°C and 50% RH, according to the current standard.

	CERMISIL i-TECH
CERMIX - Rue de la Belle Croix - 62 240 DESVRES	
EN 15651-1 : F-EXT-INT-CC :CLASS 12.5E EN 15651-3 S:CLASS XS1	

REFERENCE DOCUMENTS

CERMISIL i-TECH meets these specifications:

EN 15651-1: F-EXT-INT-CC: CLASS 12,5E

EN 15651-3: S: CLASS XS1

PACKAGING

300 ml plastic cartridge, 12 cartridges per carton, 1200 cartridges per pallet.

STORAGE & SHELF LIFE

Store away from frost and sun, 5 to 30°C.

Shelf life: 18 months in the original, unopened packaging.

Each cartridge has an easily identifiable batch code.

SAFETY INSTRUCTIONS

- EMISSIONS IN INDOOR AIR (1): Information on the level of volatile substances emitted in air indoors, presenting a toxicity risk by inhalation, on a classification scale ranging from A+ (very low emissions) to C (high emissions).
- Consult the safety data sheet at www.quickfds.fr or ask CERMIX France for it.
- Always wear personal protective equipment that meets current guidelines and regulations.
- Dispose of the contents and container in accordance with local/regional/national/international regulations.

We reserve the right to update this technical document. It is the user's responsibility to always check whether there is a more recent version available at our website, www.cermix.com. It is the responsibility of the person using the products to ensure that the products are compatible and suitable for the planned use. Prior tests may be carried out to confirm that products behave as expected.