



### Product Overview

**CLASS Thermal Putty** is a cementitious mortar specifically designed for the smoothing and leveling of surfaces. It provides exceptional adhesion and durability, making it versatile in application. This product is appropriate for use on concrete, plaster, and uneven surfaces prior to both interior and exterior painting and insulation projects.



### Application Domains

- In the interior and exterior areas of all structures
- For regions where a seamless and impeccable surface is required.
- In exposed concrete and cementitious plasters  
On walls and ceilings, as well as on concrete columns.
- In the aesthetic restoration of concrete structures
- It is utilized in industrial facilities to achieve a smooth surface prior to the application of epoxy paint.



### Technical Specifications

Intensity	1,19 kg/lit (± 0,05)
Colour	White and Gray
Water Mixing Ratio	7-8 liters of water for 20 kilograms of powder
Rest	5-10 dk
Working Hours	30 Minutes
Inter-floor Waiting Area	It's 3:00 PM.
Application Ground Temperature	+5 °C, +30 °C
Application thickness	Between 0.5 and 3 mm
Adhesive Strength	1,50 N/mm <sup>2</sup>
Flexural strength	3 N/mm <sup>2</sup> (28 Days)
Compressive strength	10 N/mm <sup>2</sup> (28 Days)

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.



### Advantages

- It allows the passage of water vapor.
- It is straightforward to prepare and execute.
- It exhibits resistance to thermal shocks.
- It exhibits exceptional adhesion performance and strength.
- A polished surface is achieved.
- It can be painted over after 72 hours of application.



### Surface Preparation

The surface must be devoid of dust, oil, paint, dirt, silicone, and any other substances that could hinder adhesion. To achieve a smooth surface, any loose or damaged concrete should be removed using chisels or leveling tools. It is advisable to apply CLASS Primer T copolymer primer to the surfaces prior to application. If primer is not utilized, the surface should be moistened, ensuring that no water remains on the surface. Following priming, the surface should be allowed to rest for 5-10 minutes before applying the repair mortar to ensure proper adhesion.



### Mixture

20 kg of CLASS Thermal Paste in powder form is combined with 7-8 liters of clean water using a low-speed mixer or drill for 3-4 minutes until a homogeneous mixture is achieved, ensuring the absence of lumps. This mixture is then permitted to mature for 5-10 minutes before being mixed again and utilized. It is advisable to use the mixture from the container within 30 minutes. No additional chemicals should be incorporated into the ready-to-use mixture.



## Application Details

The ready-to-use CLASS Thermal Paste mortar should be applied uniformly to the surface with a steel trowel. Once it begins to dry, the surface should be smoothed using a steel trowel.



## Consumption

For a thickness of 1 mm, a total weight of 1-2 kg/m<sup>2</sup>.



## PACKAGING

20 kg Kraft Bag



## Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.



## Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life; may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with ample water.

S29: Do not release into the sewage system.

S46: If ingested, seek medical attention promptly and present the container or label.

### LEGAL NOTICE

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