

**Product Overview**  
CLASSMİKS 2K is a two-component, cement and acrylic-based, semi-elastic waterproofing material designed exclusively for positive-side application. It can be applied using a brush or spray and allows the surface to breathe.

- Application Domains**
- For effective insulation against ground moisture and seepage in foundations, retaining walls, and curtain walls.
  - External insulation for basements
  - For the insulation of moisture-prone areas, including bathrooms, kitchens, and restrooms.
  - For the insulation of damp areas, including terraces and balconies.
  - For positive (internal) insulation of spaces such as swimming pools and water tanks.
  - It is utilized in both underground and above-ground construction projects, applied horizontally and vertically, for effective insulation of concrete, plaster, and screed.

**Technical Specifications**

Intensity	1.80 kg/lt
Application Temperature	+5 °C, +30 °C
Mechanical Strength	2 Days
Waterproof	7 Days
Adhesive Strength	1.5 N/mm <sup>2</sup> (28 days)
High-Pressure Water Resistance	2 Bar Positive
Coating Duration	3 Days
Inter-floor Waiting Area	10 °C for 10 to 12 hours 20 °C for 5 to 7 hours 30 °C for 3-4 hours
Application Thickness	Min. 0.75 mm - Max. 1.5 mm

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 is adaptable.
  - It is straightforward to prepare and execute.
  - It exhibits exceptional adhesion and bonding strength to the surface.
  - The ratios of the ingredients are specified on the packaging.
  - It is paintable.
  - It can be applied using a brush or through spraying.
  - It conserves both labor and time.
  - It is suitable for use in drinking water reservoirs.
  - It allows the passage of water vapor.

**Surface Preparation**  
Care must be taken to ensure that the surface has attained its full strength. It is essential that the surface is devoid of any layers that may compromise adhesion, including oil, grease, dirt, paint, rust, and salt efflorescence. Weak surfaces, such as cracked plaster, should be addressed by removing any easily detachable materials. When necessary, the surface may be roughened using mechanical methods. Pores and holes should be cleaned with high-pressure water or compressed air. The surfaces to be treated must be free of pits, segregations, and similar defects, which should be rectified using CLASS Remix Structural Repair Mortar. Prior to application, the surface must be thoroughly wetted and saturated with water.

**Mixture**  
CLASSMİKS 2K waterproofing mortar component B (liquid) is to be poured into a clean container. Prior to application, Component B (liquid) must be thoroughly shaken. Component A (powder) is then gradually added to the liquid and mixed uniformly for 6-7 minutes using a low-speed mixer or drill, ensuring the formation of lumps is avoided. This mixture is allowed to mature for 5-7 minutes, followed by an additional mixing for 2-3 minutes before use. The mixture in the container should be stirred periodically; no further powder or water should be added thereafter.

## → Application Details

Apply CLASSMIKS 2K in a minimum of two coats, adhering to the specified waiting time between applications. After completing the first coat, always apply the second coat in a perpendicular direction. If applied over extensive gaps, a suitable joint width may be left to mitigate the risk of cracking; these joints can subsequently be filled with flexible sealants. CLASS Reinforcement Mesh may be installed between the two applications on surfaces susceptible to cracking. Beveling should be performed at joints on both horizontal and vertical surfaces, utilizing an appropriate CLASS Bevel Tape over them.

## ↔ Consumption

For a thickness of 1 mm, the weight is roughly 2-4 kg/m<sup>2</sup>.  
The surface condition may fluctuate due to voids and other deficiencies.

## kg PACKAGING

A + B component set: 25 kg. Component A: 20 kg Kraft bag. Component B: 5 kg plastic container.

## + 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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