

Keraflex Maxi S1 zero

PRODUCTS FOR CERAMIC TILES AND STONE MATERIAL

MAXI PERFORMANCES. ZERO IMPACT.



Keraflex Maxi S1 *zerø*



Keraflex Maxi S1 high performance cementitious adhesive for bonding ceramic tiles and stone has now become **Keraflex Maxi S1 zerø**. The first adhesive with **zero climate-change effect**: residual greenhouse gas emissions, impossible to eliminate from a technical point of view, have been eliminated through certified offsetting.

This choice, which follows the same direction of MAPEI in their concrete, tangible commitment to safeguarding the environment and our health, enhances even further the eco-sustainable characteristics of this adhesive with Low Dust technology and very low emission of volatile organic compounds.

Classified C2TES1 according to EN 12004 and ISO 13007-1 standards and EMICODE EC1R Plus by GEV, **Keraflex Maxi S1 zerø** stands out for its easy spread consistency, high deformability, extended open time and resistance to vertical slip.

THREE GOOD REASONS FOR USING IT

1 APPLICATION PROPERTIES

- ✓ **Easy to spread**
- ✓ **No vertical slip**
prevents tiles slipping, including large tiles on walls.
- ✓ **No sinking of heavy floor tiles**
prevents heavy floor tiles sinking when installed on thick layers of adhesive to compensate for uneven areas in the installation bed.
- ✓ **Extended open time**
particularly long open and adjustment times to make laying operations easier.

2 PERFORMANCE

- ✓ **High adhesion and deformability characteristics**



MINISTERO DELL'AMBIENTE
E TERRITORIO



3

SAFEGUARDS PEOPLE'S HEALTH AND SUSTAINABILITY



Certified EC1 R PLUS

Very low emission level of volatile organic compounds (certified as EC1R PLUS, according to EMICODE by GEV).



Low Dust

Developed with a technology which considerably reduces dust emission during mixing phase.



MINISTERO DELL'AMBIENTE
DIREZIONE GENERALE AMBIENTE, TERRITORIO E PAESAGGIO

CERTIFIED OFFSETTING

Certified offsetting of residual greenhouse gas emissions.



AREAS OF USE

- ADHESIVE SUITABLE FOR ALMOST ALL TYPES OF INSTALLATION, SAFELY AND SECURELY
- FOR INTERIOR AND EXTERIOR USE AND IN LAYERS UP TO 15 MM THICK

CARBON FOOTPRINT PROJECT



Keraflex Maxi S1 zero has been the subject of life-cycle (LCA: Life Cycle Assessment) research work which has measured the carbon footprint of products “from cradle to grave”, from when its raw materials are first extracted to the end of its service life.

Most greenhouse gas emissions during the life cycle of this product are due to the raw materials used, such as the special hydraulic binders and organic additives that make it such a high performing product.

It is impossible to completely eliminate CO₂ emissions from most production processes, but it is not impossible to eliminate the effect they have on climate change, by compensating local residual emissions, which would be impossible to eliminate technically, through greenhouse gas reduction projects.

The entire amount of greenhouse gas (CO₂ equivalent) emissions from **Keraflex Maxi S1 zero**, measured by evaluating its carbon footprint according to ISO TS 14067 standards certified by Certiquality and jointly financed by the Ministry for the Environment and Protection of the Land and Seas, as part of the NATIONAL PROGRAMME FOR THE EVALUATION OF ENVIRONMENTAL IMPACT, has been offset by purchasing environmental credits certified by EcoWay.

(for further information use the link <http://www.mapei.com/IT-IT/carbonfootprint.asp>)



● **Technical documentation**

From the technical area menu you can view the technical documentation divided per product lines and type of document.

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