Pragma Special

Mineral adhesive with high levels of adhesion, no vertical slip and long open time. For laying ceramic tiles.



1. Suitable for laying single and double-fired ceramic tiles on mineral or cement-based substrates
2. Floors and walls, for internal and external use
3. Open time above 30 min.
4. Thicknesses up to 10 mm
5. With no vertical slip

kerakoll

Areas of application

→ Intended use:
Substrates:
- cement plasters and cement-lime mortar
- mineral or cement-based screeds
- gypsum and anhydrite (1)
- plasterboard (1)
(1) After application of Active Prime Fix or Active Prime Grip

Materials:
- porcelain tiles (2)
- ceramic tiles
- ceramic mosaic
(2) Contact Kerakoll Gulf Technical Department before any application

Uses:
- floors and walls
- for internal use - external
- domestic
- commercial
- industrial

Do not use:
- on existing ceramic floors, marble tiles or natural stone
- on underfloor heating systems
- on timber, metal, plastic or resilient materials, deformable substrates or subject to vibrations
- on screeds, plasters/renders, concrete not yet cured and affected by important drying shrinkage
- on smooth prefabricated concrete
- on moistened substrates or substrates subject to moisture rising
- in environments where water is always present
- on organic-based, reactive waterproofing products (such as RM according to EN 1489).

Instructions for use

→ Preparation of substrates
All substrates must be free from dust, oil and grease, dry and free from any rising damp, with no loose, flaky or imperfectly anchored parts such as residual traces of cement, lime and paint, which must be totally removed. The substrate must be stable and without cracks, must have already completed the hygrometric shrinkage curing period and must present suitable mechanical resistance levels. Uneven areas must be corrected in advance with suitable finishing products.
Substrates with weak surface consistency: screeds and plasters which present a weak crystalline structure in the initial mm of thickness and which can be easily abraded must be consolidated by means of Keradur, the water-based depth consolidant, to be applied with one or more coatings and according to the instructions, until a surface has been obtained which is still absorbent but compact.
Highly absorbent substrates: when laying on screeds and plasters which are compact but highly absorbent, in warm climates and with direct ventilation, it is advisable to apply in advance one or more coatings of Active Prime Fix or Active Prime Grip primers according to the instructions.

→ Preparation
Mixing water
- Grey: 6.75 to 7.75
- White: 6.75 to 7.5
The amount of water indicated is approximate. It is possible to obtain mixtures with consistency of variable thixotropy according to the application to be made.

→ Application
Pragma Special should be applied with a suitable toothed spreader, to be chosen according to the size and characteristics of the rear surface of the tiles. It is best to use the smooth part of the trowel to spread a fine initial layer, pressing down hard so as to obtain maximum adhesion to the substrate and to regulate water absorption, after which the thickness can be adjusted as required by tilting the spreader at an angle. Spread the adhesive over a surface area which will allow for the laying of the surface materials within the indicated open time, and check for suitability at regular intervals. The open time may vary considerably even during the application, depending on various factors such as exposure to sunlight, air currents, absorbency level of the substrate, temperature and relative air humidity. Press any tile sufficiently to ensure complete and even contact with the adhesive itself. In environments subject to heavy traffic and in external locations,use the double-spread technique to ensure 100% application of the product to the rear of the tiles. In general, ceramic tiles do not require preliminary treatment, however these materials should be checked to ensure there are no traces of dust, dirt or surface coatings of any kind that are not properly anchored to the substrate or which may modify the absorbency characteristics of the tiles.
Respect structural, fractionizing, and perimeter joints present in the substrates. Abide by local existing provisions when creating elastic expansion joints.

Special notes

→ **Cleaning**
Clean the tools and any residues of the product from the surfaces using water while the adhesive is still fresh. Once hardened, the adhesive can only be removed by mechanical means.

→ **Special applications**
The replacement of mixing water with Top Latex, the elastic agent, provides the adhesive with greater capacity of transversal deformation and greater resistance to water and tensile strength without modifying the open and adjustability time. Pragma Special with the addition of Top Latex exceeds the performance required by standard EN 12004 class C2 TE. Consult the Kerakoll Gulf Technical Department to define use of this product in such applications as: laying on deformable ceilings and walls in plasterboard, laying on heat-radiant slabs, laying of large-format paving slabs in external applications and in permanently damp environments, direct bonding on substrates in smoothed concrete with reduced water absorption.

Certificates and marks

C1 TE
EN 12004

GEV-EMICODE EC 1 PLUS very low emission

Abstract

High-performance laying of ceramic and porcelain tiles, mosaic, marble and natural stone with high performance mineral adhesive with no vertical slip and long open time, compliant with standard EN 12004 – class C1 TE, such as Pragma Special by Kerakoll Spa. Substrates must be compact, with no loose, flaky material, clean and fully cured, having already completed the curing period for hygrometric shrinkage. For laying, a ____ mm toothed spreader must be used for an average coverage of ≈ ___ kg/m². Existing joints must be respected, create elastic fractionizing joints every ___ m² of continuous surface. Ceramic tiles must be laid with joint-gap spacers with a width of ____ mm.

Technical Data compliant with Kerakoll Quality Standard		
Appearance	White or grey pre-mixed powder	
Pack	25 kg bags	
Shelf life	≈ 12 months from production in the original sealed packaging, protect from humidity	
Maximum thickness obtainable	≤ 10 mm	
Temperature range for application	from +5 °C to +40 °C	
Pot life at +23 °C	≈ 4 h	
Open time	≥ 30 min.	EN 12004-2
Correction time	≥ 30 min.	
Foot traffic	≈ 24 h	
Grouting in wall and floor	≈ 20 h	
Interval before normal use	≈ 7 days	
Coverage per mm thickness	≈ 1.25 kg/m²	

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e.temperature, ventilation and absorbency level of the substrate and of the materials laid.

Performance		
VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions		
Conformity	EC 1 plus GEV-Emicode	GEV certified 4618/11.01.02
HIGH-TECH		
Shear adhesion (porcelain tiles/porcelain tiles) after 28 days	≥ 1 N/mm²	ANSI A-118.4
Tensile adhesion (concrete/porcelain tiles) after 28 days	≥ 1 N/mm²	EN 12004-2
Durability test:		
- adhesion after heat ageing	≥ 0.6 N/mm²	EN 12004-2
- adhesion after water immersion	≥ 0.8 N/mm²	EN 12004-2
- adhesion after freeze-thaw cycles	≥ 0.5 N/mm²	EN 12004-2
Vertical slip	≤ 0.5 mm	EN 12004-2
Working temperature	from -30 °C to +80 °C	
Conformity	C1 TE	EN 12004

Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

Warning

→ abide by any standards and national regulations
→ do not use the adhesive to correct substrate irregularities greater than 10 mm
→ protect from direct rainfall for at least 24 hrs
→ the temperature, ventilation and absorption of the substrate and covering materials, may vary the adhesive workability and setting times
→ use the right size of notched trowel for the format of the tile or slab
→ guarantee a full-bed in all external laying operations
→ if necessary, ask for the safety data sheet
→ for any other issues, contact the Kerakoll Worldwide Global Service - info@kerakoll.ae

This information was last updated in March 2026; please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see www.kerakoll.com. KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions of your building site and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.

Kerakoll Gulf Trading LLC
Concord Tower, Al Sofouh 2
Dubai UAE

+971 (0)4 298 5715
info@kerakoll.ae

www.kerakoll.com