

**GrigoKoll®**  
adhesives and glues

## PRATIX

**Premixed adhesive with high performance, flexible, self-soaking, with extended open time, for the installation on the whole surface of ceramic tiles, natural stones and any kind of stoneware with a thickness of 15 mm. Available as a smoothing for thicknesses up to 15 mm. Type C2E.**



### Product description

GrigoKoll® PRATIX is a mono component dry premixed adhesive based on selected inerts, gray hydraulic binder and special additives classified by UNI EN 12004 norm. Premixed adhesive (C), improved (2), with extended open time (E).

### Supply and Storage

GrigoKoll® PRATIX is supplied in bags on stretch pallets. Stock in cool, dry and entilation free place. Keep packaging intact. Use before the expiry date stamped on the bag.



### Surface Preparation and Application

The areas of installation must be free from dust and dirt. Any trace of oils, fats, waxes, etc. must first be removed mechanically or with detergents, as well as any inconsistent or brittle parts. In any case install on well dry screed coats (>28 days), unless fast drying underlays such as BaseForte MIXCEM PRONTO or others have been used. Prepare the dough by adding about 5,5 litres of clean water to each 25 kg bag of GrigoKoll® PRATIX and mix with mechanical stirrer with electronic movement, to obtain a homogeneous and workable mixture free of lumps. Leave the dough laying for 5-10 minutes, stir gain and apply as usual with the toothed spatula in the appropriate thickness, according to the type of tiles to apply. GrigoKoll® PRATIX allows the total soaking of the tiles back side avoiding the double coating, suitable for heavy traffic and heavy loads supporting pavements. The tiles are applied with a slight pressure, tapping thoroughly so that the entire surface of the tiles come in perfect contact with the adhesive. Any rearranging of the tiles must be done within 40 minutes after laying. In case of insufficient glue application, do not soak the surface but add more with the toothed spatula. Seal the joints after 24 hours from the application.

### Fields of use

GrigoKoll® PRATIX is a premixed adhesive used to glue ceramic tiles on floors, on any type of substrate and cement plaster normally used in construction indoors and outdoors, even if these are subject to dimensional variations (heated floors). Suitable also for the application of stones tiles, if the tiles are stable, not changing form with humidity and not presenting stains and salt efflorescence. It may be also used for laying directly on top of old ceramic pavements, after proper substrate preparation. The surface should not be overly absorbent: in such case use PRIMER X.

### Specifications

The ceramic tiles and stone tiles (if stable) should be glued with the grey powder self-soaking adhesive for interior and exterior GrigoKoll® PRATIX from Fornaci Calce Grigolin, based on gray hydraulic binder, selected inerts, resines and special additives aimed at improving workability and grip, at a rate of 3-5 or 5-8 kg/m<sup>2</sup>. The areas of installation should be clean and stable, use a toothed spatula for the setting, taking care to respect or create deformation joints.

### Technical data according to the UNI EN 12004 Standard

Classification according to EN 12004	C2E
Powder specific weight	1300 kg/m <sup>3</sup> determined in free fall
Mixture specific weight	1650 kg/m <sup>3</sup>
Density of cured adhesive	1350 kg/m <sup>3</sup>
Particle size	< 1,2 mm
Available colors	GrigoKoll® PRATIX grey
Flexibility	NO
Water in the mix	grey ca. 5,5 lt/sac
Consumption	3-5 kg/m <sup>2</sup> with 8/10 mm spatula
	5-8 kg/m <sup>2</sup> with round teeth spatula
pH	> 12
Time for effect	6 days
Time to wait before sealing joints	approx. 24 hrs.
Pot life after mixing	approx. 8 hrs.
Open time	approx. 30 min.
Registration time	approx. 45 min.
Set to light foot traffic	24-36 hrs.
Mechanical resistance to flexion after 28 days	> 5 N/mm <sup>2</sup>
Mechanical resistance to compression after 28 days	> 11 N/mm <sup>2</sup>
<b>ADHERENCE TO SUBSTRATE ACCORDING TO UNI EN 12004/1348</b>	
Adherence to initial traction	> 1 N/mm <sup>2</sup>
Adherence to traction after water immersion	> 1 N/mm <sup>2</sup>
Adherence to traction after heat action	> 1 N/mm <sup>2</sup>
Adherence to traction after cycles of freezing/melting	> 1 N/mm <sup>2</sup>

### Disclaimers

Do not mix GrigoKoll® PRATIX with other substances. Avoid extreme heat changes while hardening. The product must be protected from frost and rapid drying. GrigoKoll® PRATIX should not be used with temperatures below +5°C or above +30°C. Data are referring to norm EN 12004, at a temperature of +23°C, 50% relative humidity and no ventilation.



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