



ROYAL EXTRA

Art. code see DDT

Date of issue 14.06.2013

Review nr. 03

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DESCRIPTION

Tile adhesive for the laying of ceramic tiles based on hydraulic binders and synthetic resins. The particular formulation of ROYAL EXTRA shows such a tixotropy to assure a perfect adhesion to the ceramic covering without allowing tiles to slip.

CLASSIFICATION ACCORING TO UNI EN 12004:2007 (C2TE)

Cement-based adhesive improved with supplementary characteristics, reduced slip and extended open time.

APPLICATION FIELDS

Ready-mixed product with a high adhesive power, used for the laying of ceramic tiles and mosaics on floors or as covering, both indoor and outdoor.

TECHNICAL DATA

Aspect:	powder
Colour:	white/grey
Water for mixture:	20,5%
Specific weight:	1,60 ± 0,05 gr/cm ³

PERFORMANCE DATA

Extended open time: tensile adhesive strength (UNI EN 1346:2007)

specimen	after 5 minutes	after 10 minutes	after 20minutes	after 30 minutes
Average value	≥1,07 N/mm ²	≥1,06 N/mm ²	≥0,51 N/mm ²	≥0,50 N/mm ²

REQUIREMENT MET according to UNI EN 12004:2007.

High initial tensile adhesive strength (UNI EN 1348:2000)

Average value	≥1,23 N/ mm ²
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REQUIREMENT MET according to UNI EN 12004:2007.

High tensile adhesive strength after thermal aging (UNI EN 1348:2000)

Average value	≥1,04 N/ mm ²
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REQUIREMENT MET according to UNI EN 12004:2007.

To the best of our knowledge, the information contained in this prospectus are correct and accurate, but every recommendation and suggestion is given without any guarantees, as the using conditions are not under our direct control. It is advisable to always perform some preliminary tests.
Our company reserves the right to modify the products and the content of this document without any warning.
The present edition annuls and replaces any other previous edition.

IN CASE OF DOUBT PLEASE CONSULT OUR TECHNICAL SUPPORT



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High initial tensile adhesive strength after immersion in water (UNI EN 1348:2000)

Average value	$\geq 1,03 \text{ N/mm}^2$
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REQUIREMENT MET according to UNI EN 12004:2007.

High initial tensile adhesive strength after frosting-defrosting cycles (UNI EN 1348:2000)

Average value	$\geq 1,05 \text{ N/mm}^2$
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REQUIREMENT MET according to UNI EN 12004:2007.

Determination of slip (UNI EN 1308:07)

Obtained value	$< 0,5 \text{ mm}$
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REQUIREMENT MET according to UNI EN 12004:2007.

PRECAUTIONS

Ensure that the application surfaces are free from greases and salts, clean and free from brittle parts.

APPLICATION

Mix well with clean water. The product has to be applied with toothed spatula. If necessary add ADEGUM LATEX in proportion of about 10-15% on the mixture water until reaching the desired consistency, in order to confer elasticity to the product. For big sizes (more than 900 cm²), ROYAL EXTRA has to be applied even on the back side of the tile, in order to assure the adhesion.

CONSUMPTION

3,0 - 3,5 kg/m²

PRECAUTIONS

Apply between +5° and +35°.

PACKAGING

25 kg bags

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STORAGE

The product if properly packed and stored in a cool dry place, has a stability of 12 months.

Store between +5° and +35°C.

SAFETY INSTRUCTIONS

PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

ECOLOGY

Do not through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

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