

PRIMAFUGA FLEX 2-12

Rev. 03

SPECIAL, FLEXIBLE, RAPID-SETTING GROUTING COMPOUND FOR JOINTS OF 2 TO 12 MM IN WIDTH

TECHNICAL FEATURES:

PRIMAFUGA FLEX 2-12 grouting compound consists of special cements, aggregates of graded



particle size, and additives, and has been formulated to harden rapidly with a minimum of shrinkage, and to provide high mechanical strength, good flexibility and minimal water absorption, combined with an attractive appearance. It is available in various colours for joints of 2 to 12 mm in width.

FIELDS OF APPLICATION:

Grouting of joints between ceramic tiles of all types and sizes in:

- indoor and outdoor floor and wall tiling;
- systems subject to slight dimensional variations;
- heated floors;



- tiled areas subject to adverse environmental conditions, such as swimming pools, cold rooms, terraces, and surfaces with a high degree of exposure to water;
- flooring in areas subject to intense traffic, such as supermarkets, motorway service stations, shopping centres, and public premises in general;
- old flooring with deteriorated joints.

METHODS OF USE AND CONTRA-INDICATIONS:

For perfect grouting of joints, the mortar used for fixing the tiles must be sufficiently dry to prevent any residual humidity from evaporating and creating unevenness in the colour of the grouting compound. If a specific cement-based adhesive has been used, grouting can be carried out after just 24 hours for wall tiling and 1-2 days for floor tiling.



If the substrate is already completely dry, when working with absorbent tiles, especially in high temperatures, it is advisable to moisten the joints to be filled, slightly and evenly. The joints must also be free from dust or other materials that may adversely affect adhesion.

When working with absorbent tiles, especially at high temperatures, it is vital to clean the grouting compound with a damp sponge and moisten it again with the same system and more water the following day. If this precaution is not taken, PRIMAFUGA FLEX 2-12 may fail to harden sufficiently, because



by the time that the cement starts to set, much of the water in the mix will have been absorbed by the tiles.

PREPARATION OF THE MIXTURE:

Mix the powder with clean water (22-23% water, or the equivalent of about 4.5 litres per 20 kg bag) using a suitable electric mixer at low speed, until

the mix is homogeneous and free from clotting. The grouting compound is now ready for use and remains workable for about thirty minutes.

APPLICATION:

Spread the grouting compound with a flexible, rubber spreader, exerting sufficient pressure to ensure that it penetrates to the bottom of the joint. Wait until the product has thickened enough (a few minutes), then remove the excess by wiping the treated surfaces with a damp sponge. Repeat the operation once the product has hardened.

WARNINGS:

To do a good job, it is important to follow the instructions, and in particular, to choose the right moment to wipe with a damp sponge. If done too soon, some of the grouting compound may be pulled out of the joints, and if done too late it requires considerable effort, which may damage the surface of the tiles. "Cotto toscano" and highly absorbent tiles could be irreparably stained by the





grouting compound and it is therefore imperative to treat them previously with a suitable product. Do not add water once the grouting compound has started to harden in the bucket, as this would adversely affect colour tone and final strength properties.

COVERAGE:

Coverage depends on the size and thickness of the tiles and on the width of the joints. For details on colours and coverage, consult the table in the "grouting compound colour range" folder.

PACKAGING:

PRIMAFUGA FLEX 2-12 is packed in 5 kg plastic bags (pallets of 400 and 600 kg) and in 20 kg poly-lined bags (pallets of 1,260 kg).

STORAGE:

In the original unopened packaging in a dry and cool place.

SHELF LIFE:

Colours Grey and Anthracite: 9 months from the date printed on the packaging; pursuant to EU directive 2003/53/CE, we inform that the expiry date refers to the efficacy of the reducing agent in relation to Chromium VI salts.

Colours White, Beige, Crema Marfil, Travertino, Off-White and Light Grey: 12 months.

PrimaFuga flex 2-12



TECHNICAL DATA OF THE PRODUCT

APPEARANCE:	SLIGHTLY GRANULAR POWDER
COLOUR:	SEE "GROUTING COMPOUND COLOUR RANGE"
STORAGE:	IN THE ORIGINAL UNOPENED PACKAGING IN A DRY AND COOL PLACE.
SHELF LIFE: COLOURS GREY AND ANTHRACITE: 9 MONTHS FROM THE DATE PRINTED ON THE PACKAGING; PURSUANT TO EU DIRECTIVE 2003/53/CE, WE INFORM THAT THE EXPIRY DATE REFERS TO THE EFFICACY OF THE REDUCING AGENT IN RELATION TO CHROMIUM VI SALTS. COLOURS WHITE, BEIGE, CREMA MARFIL, TRAVERTINO, OFF-WHITE AND LIGHT GREY: 12 MONTHS	
TOXICITY:	NONE
INFLAMMABILITY:	NONE
MIX RATIO:	22%-23% OF POWDER
VOLUMETRIC MASS OF MIX:	≈ 2,0 gr/cm ³
POT LIFE OF MIX:	30 MINUTES
APPLICATION TEMPERATURE:	+5°C TO +30°C
COVERAGE:	SEE "GROUTING COMPOUND COLOUR RANGE"
WALKOVER TIME:	4 HOURS
READY FOR NORMAL USE:	1 DAY
PERFORMANCE AFTER 28 DAYS OF HARDENING	
RESISTANCE TO HUMIDITY:	EXCELLENT
RESISTANCE TO TEMPERATURE EXTREMES:	-30°C TO +80°C
FLEXIBILITY:	GOOD
FLEXURAL STRENGTH (EN 12808-3):	> 3,5 MPa
COMPRESSIVE STRENGTH (EN 12808-3):	> 15 MPa
ABRASION RESISTANCE (12808-2):	< 1000 mm ³ of material removed
RITIRO LINEARE (EN 12808-4):	< 2 mm / m
WATER ABSORPTION AT 30 MINUTES (12808-5):	< 2 grams of water
WATER ABSORPTION AT 240 MINUTES (12808-5):	< 5 grams of water
CONFORMS TO (EN 13888):	CG2

NB: The information given in this chart is based on our best experience and indicative only.

It must in any event be verified by the end user, who assumes
all liabilities deriving from utilization of the product.