

CX-27

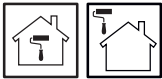
ISOLXTREM® SYSTEM

JUNTADUR PLUS SATE

High-performance grouting material for 0 to 20 mm joints.
Specially formulated for grouting tiles for the Isolxtrem Ceramic System.



INTERIOR EXTERIOR



CLASSIFICATION ACCORDING TO

UNE 13888

CG2AW

SURFACES

Tiles for floors and walls regardless of the degree of absorption (porcelain stoneware, rustic stoneware, glazed stoneware, terracotta, granite, tiles, glass mosaic, natural stone, marble, etc.)

CHARACTERISTICS

- Minimal shrinkage.
- Waterproof.
- Anti-efflorescent.
- Abrasion resistant
- Uniform and resistant colours.
- Easily cleaned.
- Stain and dirt resistant.
- Resistant to chemical attacks.
- Allows a high amount of pedestrian traffic.
- Excellent water vapour diffusion capacity.
- Product protected against fungi and algae (*).
- Frost-resistant.

IDEAL FOR

- Filling of joints between different types of ceramic pieces.
- Grouting of tiles on exterior façades, balconies, terraces.
- Grouting of tiles in swimming pools and wet rooms (bathrooms, kitchens, ...).
- Grouting of heavy traffic pavements.
- Grouting of floors with underfloor heating.
- Grouting tiles in public bathrooms and swimming pools where extreme hygiene is required.
- Tile grouting for the Isolxtrem Ceramic System



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ON-SITE APPLICATION

SURFACE PREPARATION

The surface must be sound, clean and free of any trace of saltpetre, fungi, microorganisms, dust, grease, release oils and, in general, any type of material that could make it difficult for the product to adhere to the foundation.

Before proceeding with the grouting, it must be verified that the bonding mortar is completely hardened.

The joints must be clean and empty to at least 2/3 of their depth.

CLEANING

When the surfaces present traces of fungi, algae or other microorganisms you must initially apply a curative treatment with a product capable of eliminating this type of microorganisms. It must be applied to the surface to be treated according to the manufacturer's instructions, and then once the microorganisms have been removed, the holder must be cleaned with the help of a water pressure machine or with a hard bristle brush.

If there are saltpetre stains on the surface to be treated, carry out an initial cleaning process with our **RX-523 CLEAN SAL**, applying the material and then scraping it with a hard bristle brush. After mechanically cleaning the surface, it will need to be rinsed with plenty of clean water in order to neutralise any **CLEAN SAL** residue that may remain on the surface.

Any grease or oil must be completely eliminated to allow the product to adhere correctly to the surface. Therefore, we recommend using **RX-527 CLEAN OIL** for proper and complete elimination of these substances.

DIRECTIONS FOR USE

Mix with clean water, manually or mechanically (with a low-speed mixer to avoid air entrapment within the paste), at a rate of 26% until a thick, lump-free, homogeneously coloured paste is obtained. For each kilo of powder add 260g of water. After kneading, let it rest for a few minutes. Small variations in the amount of water between mixtures can cause variations in the final colour.

The application is carried out with a rubber trowel or spatula, spreading the material and applying light pressure on the joint, without leaving gaps or unevenness.

When the product has dried on the surface, remove the excess by moving the same trowel diagonally to the joints. It is advisable to apply the material in sections to facilitate the cleaning operation.

When the material has dried thoroughly, it can be cleaned with water to remove the excess product. If the cleaning is done when the mixture has not yet lost its plasticity, the joints may present gaps or change colour.

CX-27**ISOLXTREM® SYSTEM****JUNTADUR PLUS SATE****TECHNICAL CHARACTERISTICS**

Maximum granulometry	500 μ
Pot life	2H30' - 3H30'
Fire classification	A2 - S1 - d0
Maximum cleaning time	45'
Start up time	24 hrs.
Waiting time for immersion	7 days
Retraction (UNE-EN 12804-4)	≤ 2 mm/m
Cleaning of tools	Use water
Resistance to abrasion (UNE-EN 12808-2)	≤ 1000 mm ³
Resistance to bending in standard conditions (UNE-EN 12808-3)	$\geq 2,5$ N/mm ²
Resistance to bending after thaw-frost cycle (UNE-EN 12808-3)	$\geq 2,5$ N/mm ²
Resistance to compression under standard conditions (UNE-EN 12808-3)	≥ 15 N/mm ²
Resistance to compression after thaw-frost cycle (UNE-EN 12808-3)	≥ 15 N/mm ²
Absorption of water after 30' (UNE-EN 12808-5)	≤ 2 g
Absorption of water after 240' (UNE-EN 12808-5)	≤ 5 g

DRYING TIME		
Surface	Layer of 2 mm	30' - 45'
Depth	Layer of 2 mm	24 hrs. approx

CHEMICAL RESISTANCE	
Household cleaning products	++++
Salts for swimming pools	+++++
Diluted acids/alkalis	+++++
Concentrated acids/alkalis	++++

Trials carried out after 2hr. and 24 hr. chemical attack. +: little resistant and +++++: highly resistant

DENSITY	
Powder (g/ml)	1.19 ± 0.07
Paste (g/ml)	1.80 ± 0.07

(*) Product is protected against the following fungus and algae:

- ALTERNARIA ALTERNATA
- ASPERGILLUS BRASILIENSIS
- CLADOSPORIUM CLADOSPOROIDES
- PENICILLIUM FUNICULOSUM
- ULOCLADIUM ATRUM
- STICHOCOCCUS BACILLARIS
- SCENEDESMUS VACUOLATIS

- Inoculum concentration CfU/ml
- Fungus: $1,5 \times 10^6$
- Algae: $1,6 \times 10^5$



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TECHNICAL CHARACTERISTICS

Table of consumption according to tile format and joint width (kg/m²)

AxB (mm) TILE FORMAT	C (mm) TILE WIDTH	D (mm) JOINT WIDTH					
		2	3	5	8	10	15
50x50	5	0,6	—	—	—	—	—
100x100	8	0,5	0,7	1,2	—	—	—
200x200	8	0,2	0,4	0,6	1,0	1,2	—
300x300	10	0,2	0,3	0,5	0,8	1,0	1,5
450x450	10	0,1	0,2	0,3	0,5	0,7	1,0
600x300	10	0,2	0,2	0,4	0,6	0,8	1,1
600x600	10	0,1	0,2	0,3	0,4	0,5	0,8
1000x200	10	0,2	0,3	0,5	0,7	0,9	1,4

Consumption calculation for a mortar of grout.

$$\frac{(A + B)}{(A \times B)} \times C \times D \times 1,5 = \text{Consumption (Kg/m}^2\text{)}$$

A (mm) is the length of the tile, B (mm) is the width of the tile, C (mm) is the thickness of the tile and D (mm) is the width of the joint.

INFORMATION OF INTEREST

The **JUNTADUR** line manufacturing process is controlled in batches, which allows traceability of any incident. The quality system used includes each article's design and production controls, both in terms of the raw materials used, guaranteeing uniform manufacturing, and the final item obtained. The use of ecotechnologies in our facilities' manufacturing processes allows for efficient work, without damaging the environment that surrounds us.

- Non-flammable product. Irritant
- Avoid bringing the product into contact with skin and eyes
- Smoking, eating and drinking must be prohibited in the application area
- Comply with workplace health and safety legislation
- Keep the product in a dry place, in original containers that are kept properly closed, and protect it against damp
- Store the containers at between 5 °C and 35 °C
- Recommended storage time: 6 months from date of manufacture in its original packaging, protected from moisture.

For further information on protective measures and first aid, please refer to the product safety data sheet.

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COMMENTS

- For appropriate use and correct application of the product, it is essential to first read the technical data sheet.
- The data provided in this data sheet are for guidance only and should not be considered binding. The data have been obtained in normal laboratory conditions and on standardised surfaces, and may vary depending on the application conditions (absorption of the surface, applied thickness, temperature, environmental humidity, etc.). The intervals displayed have been shaped by measurement history. Slight deviations from the ranges presented in this technical sheet, whether higher or lower, will be accepted according to internal technical criteria and will not result in a loss of quality or affect the performance of the final product, as they are due to (among other factors) variations in measurement conditions and the uncertainty associated with the instruments used.
- User working conditions are beyond our control.
- The product must not be used for purposes other than those specified. It is advisable to follow strictly the recommendations for use.
- It is essential that the condition of the surfaces be assessed prior to each application. Do not apply on surfaces that are dirty or lacking cohesion.
- Use the product within its useful lifetime. Beyond this time, unfavourable properties may arise
- Do not apply in very humid weather, rain, strong heat or where there is a risk of frost.
- Do not apply at high temperatures and/or on windy days.
- Do not mix the product with any material, as it will not retain its technical characteristics.
- Application temperature: 5 °C to 35 °C. Avoid extreme weather conditions.
- Do not use excess cleaning water, sponges or a soft trowel to avoid wastage in the grouting material.
- The watertightness of a swimming pool must be ensured by the construction of the pool shell.
- Use the correct amount of grouting water. Too much water makes it difficult to clean the grout and alters its final finish.
- Do not add water to the mixture once it has started to set.
- Do not apply on frozen, overheated or wet surfaces.
- Expansion or perimeter joints in pavements and walls do not have to be filled with **JUNTADUR**, but with **BAIXENS** elastic sealants (consult for particular advice).
- In the case of porous or rough tiles, a preliminary test is recommended to verify that they can be cleaned. If necessary, protect them with water-repellent liquids to facilitate cleaning.
- In case of application in swimming pools, we recommend waiting the drying times stipulated in this Technical Data Sheet.
- The grouting should be done on dry surfaces to avoid the appearance of whitish stains on the surface.
- Our technical-commercial team is at your disposal to advise you regarding any doubts or queries.

PACKAGING

FORMAT	15 kg	5 kg
UNIT/BOX	—	4
PALLETS	66	35 BOXES



Internal code	CX27NF2477A20
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