



COSTAR PRO JOINT FILLER 20

Waterproofed, Polymer-Modified Tile Grout

PRODUCT DESCRIPTION

Costar Pro Joint Filler 20 represents a polymer-modified, waterproof grout designed for sealing gaps between ceramic tiles post-adhesive application. Crafted from meticulously chosen materials, including hydraulic binders, organic binders, waterproofing agents, and other constituents, it ensures product uniformity.

With a hardening time of 24 hours, Costar Pro Joint Filler 10 comprises a mixture of specifically curated cements, fillers, and synthetic organic polymers. Upon mixing with water, it forms a smooth, creamy paste, ultimately rendering it resistant to water and mold upon curing. Costar Pro Joint Filler is intended for use in conjunction with the Costar Tile Fix series of tile adhesives.

FEATURES

- Exceptional and consistent quality.
- Easy to apply
- Suitable for areas that will be dry or intermittently wet
- Suitable for joint widths up to 8mm
- Can be used in conjunction with under-tile heating
- Cures without additional influence (Self Cures)
- Limited flexibility to accommodate some movement
- Thixotropic and mould resistant.
- Presence of waterproofing effect.
- It doesn't contain any harmful chemicals and is non toxic.

AREA OF USE

For grouting joints between tiles:

- Suitable for walls and floors.

- Suitable for interior and exterior use
- Suitable for wet and dry conditions
- Used in kitchens.
- Swimming pools.
- Bathrooms and shower stalls

APPLICATION INSTRUCTION

Surface Preparation

All tiles must be securely fixed in place and thoroughly cleaned before Costar Pro Joint Filler 20 is applied. The gap between tiles should not exceed 4mm. Tile joint filling should only be done 24 hours after fixing the tiles.

Mixing

Pour Costar Pro Joint Filler 20 into a clean, rust-free container while mixing, at a ratio of 33-34% by weight of Grout to be used per time. Mix to a slurry and allow to thicken for 5 minutes. Re-mix without adding water and use within one hour.

Application

Apply grout paste to tiled edges/surfaces working it well into the joints using a rubber tillers squeegee or a sponge- faced wood float.

Allow grout to dry and harden for one to two hours and wipe surface of tiles with a damp sponge. Finish off by wiping along joint with a damp cloth. Polish tiles the following day using a dry cloth.

Cleaning

- After job completion all tools and equipment should be cleaned immediately with clean water.
- All Hardened material should be removed mechanically.

Consumption

Consumption will be influence by the type, size, and the effective spacing and depth between tiles, but a theoretical coverage of 0.25kg/m² can be adopted.

COSTAR PRO JOINT FILLER 20

Waterproofed, Polymer-Modified Tile Grout



TECHNICAL PROPERTIES

Packaging	5kg & 10kg bucket		
Appearance	Powder/ available in different color		
Shelf life	9 months from date of production		
Water ratio	0.30L of water to 1kg of powder		
Application temp	Minimum 10° C Maximum 30° C		
	Tile size (mm)	Joint width (mm)	Consumption (kg/m ²)
	200 * 200 * 6	1	0.48
		3	1.44
	300 * 300 * 6	1	0.36
		3	1.08
	400 * 400 * 6	1	0.24
		3	0.72
	600 * 600 * 10	1	0.2
		3	0.6
Density	2.0kg/l		
Pot life	1hour		
Ready for use	24hours after application (foot traffic time)		
Compressive strength	10MPa @ 1day 25MPa @ 3days 36MPa @ 7days 41MPa @ 28days		

ATTENTION

Costar Pro Joint Filler 20 should not be used when the temperature is below 5°C and falling. The product should not be exposed to moving water during application. If any doubts arise concerning temperature or substrate conditions, consult your local Costar Building Product office.



COSTAR PRO JOINT FILLER 20

Waterproofed, Polymer-Modified Tile Grout



CONSUMPTION TABLE DEPENDING ON THE SIZE OF THE TILE AND WIDTH OF THE JOINTS (kg/m²)

Size of the tile (mm)	Width of the Joint (mm)		
	2	3	4
20X20X4	1.2		
50X50X4	0.5		
75X150X6		0.5	0.7
100X100X7		0.6	0.8
100X100X9		0.8	1.1
150X150X6		0.4	0.5
200X200X7		0.3	0.4
200X200X9		0.4	0.5
300X300X10		0.3	0.4
300X300X20		0.6	0.8
300X600X10		0.2	0.3
400X400X10		0.2	0.3
500X500X10			0.2
600X600X10			0.2
750X750X10			0.2
100X600X9			0.6
150X600X9			0.5
150X900X9			0.4
150X1200X10			0.5
225X450X9			0.4
225X900X9			0.3
250X900X9			0.3
250X1200X10			0.3
600X600X5			0.1
600X600X3			0.1

STORAGE AND SELF LIFE

Protect from freezing, if frozen or crystallized, thaw gradually and stir to homogenous mixture. Shelf life in unopened original containers is 12 months when stored at 70°F (21°C).

STANDARD

En13881, CG1

11501 Dublin Blvd-Ste 200, Dublin, CA 94568, USA | 925-445-0020, 925-445-0021 (Fax)

Costarchem USA | www.costarchem.com | info@costarchem.com



Performance As Promised

COSTAR PRO JOINT FILLER 20

Waterproofed, Polymer-Modified Tile Grout



HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.
- *For Professional Use only.*

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-Proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.