PRODUCT SHEET

KHOLAO®

KHOLAO® JOINT

SAINT-ASTIER® NATURAL HYDRAULIC LIME GROUTING MORTAR

THE + BENEFITS

- + BASED ON NATURAL HYDRAULIC LIME
- + TRADITIONAL AESTHETIC
- + WATERPROOFED
- + COLOURS AVAILABLE : WHITE 020

25 KG

NF EN 13888-1

AREA OF APPLICATION

Natural hydraulic lime-based grouting mortar from Saint-Astier® to be used with terracotta tiles and natural stone inside and porcelain stoneware or natural stone outside.

PACKAGING

> 25 kg bag
> 40 bags per pallet (1T pallet)
> 1 colours to choose from : WHITE - **020**/

PRODUCT COMPOSITION

Dry ready mix mortar made with Saint-Astier® natural hydraulic lime, mineral fillers and specific additives.

SHELF LIFE & GUARANTEE

One year from production date if protected in the original packaging and stored in dry conditions.
Manufacturer civil responsibility.

CG2W CLASS

ÉMISSIONS DANS L'AIR INTÉRIEUR A+

by SAINT-ASTIER
LIME, LIFELONG EXCELLENCE

KHOLAO® JOINT

GROUTING MORTAR
(INTERIOR AND EXTERIOR)

PREPARATION

> Remove excess tile adhesive mortar and dust.
> Wait 24 hours after laying the tiles before grouting.

CONSUMPTION

Consumption varies according to substrate, tile thickness, seal width and tile format(s). If you have any questions about consumption, please contact your Saint-Astier® sales representative.

> Consumption C in Kg of powder/m²

Joint width (mm)	Terracotta dimensions in cm (thickness = 20 mm)					
	15*15	20*20	30*30	10*20	10*30	20*40
5	2,1	1,6	1,0	2,3	2,1	1,2
8	3,3	2,5	1,7	3,7	3,3	1,9
10	4,1	3,1	2,1	4,7	4,1	2,3

Joint width (mm)	Type of Travertine (thickness =10 mm)	
	Opus IV	Big Opus
5	0,4	0,3
8	0,7	0,5
10	0,9	0,6

DOSAGES

> The consistency of KHOLAO® JOINT should be a homogeneous paste with no lumps. Mix for 2 to 3 minutes with a whisk mixer (450 to 500 rpm). High-speed mixers (more than 500 rpm) are not recommended as they can over-mix the product and modify its performance. Manual mixing is not recommended.

APPLICATION

> Before starting preparation and installation, make sure that the KHOLAO® JOINT mortar has tightened up and that there is no excess of mortar in the empty joints.

> Soak terracotta tiles at least 24 hours in advance in clear water to regulate their natural porosity.

> After placing the tiles and before applying the KHOLAO® JOINT, a curing product can be applied on the tiles to protect them and facilitate the bonding of masonry. (1/3 white spirit, 1/3 linseed oil, 1/3 liquid beeswax).

> Dampen the surface to be grouted by spraying moderately before applying the KHOLAO® JOINT.

> Push the mortar into the joints, pressing firmly until all the empty joints are filled, using a finger trowel or a similar one, the depth must be filled in its entirety.

> For a joint width of 3 mm between tiles, the water is adjusted to a fluid consistency. For a joint width of 10 to 15 mm, a thicker consistency is required.

> Maximum joint width : 15 mm

> Maximum joint depth : 50 mm

FINISHES

Different decorative finishes (sponged, brushed or smoothed) can be obtained, depending on the tools used.

> Wait until the grouting has hardened sufficiently before cleaning the joints with a clean, slightly damp sponge. Finish the seals with a damp sponge, brush or smooth and tighten with a jointing iron, depending on the desired finish.

> When the surface of the coating begins to powder, remove dust with a brush or dry cloth to complete the job.

> After drying, we recommend applying linseed oil to your tiles to protect them and bring out their natural colour.

WORKING TEMPERATURE

Not below 5°C or above 30°C. Dampen the substrates the day before and prior to application, allow the surface water to be reabsorbed. Avoid rapid drying due to high temperatures and/or strong winds by covering and curing with a light water mist a necessary. Protect wet mortars from frost for at least 10 days after application. Reseal open bags as soon as possible.

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