



MAXJOINT®

NON-SHRINK CEMENT-BASE POINTING MORTAR FOR JOINTS IN BRICK, STONE AND OTHER TYPES OF



MASONRY

Description

MAXJOINT is a cement-based mortar made with pure silica and selected aggregates. It repoints the joints in masonry, brick, stone, tile, terra cotta, limestone, etc. There are two types of mortar depending on joint width to be sealed. Small joints, up to 4 mm, require type 0-4, and for larger joints use type 4-20.

Application fields

- Pointing mortar for all kind of ceramic tile in vertical and horizontal surfaces.
- Restoration of damaged joints in bricks.
- Pointing of joints in different masonry substrates.

Advantages

- Shrinkage-compensated with good adhesion on substrate.
- High structural strength.
- Waterproof against rainwater.
- Extreme durability eliminates future maintenance.
- Non-metallic, does not rust out, will not discolor wall.
- Available in different colours on special request.
- Excellent colour stability.

Surface Preparation

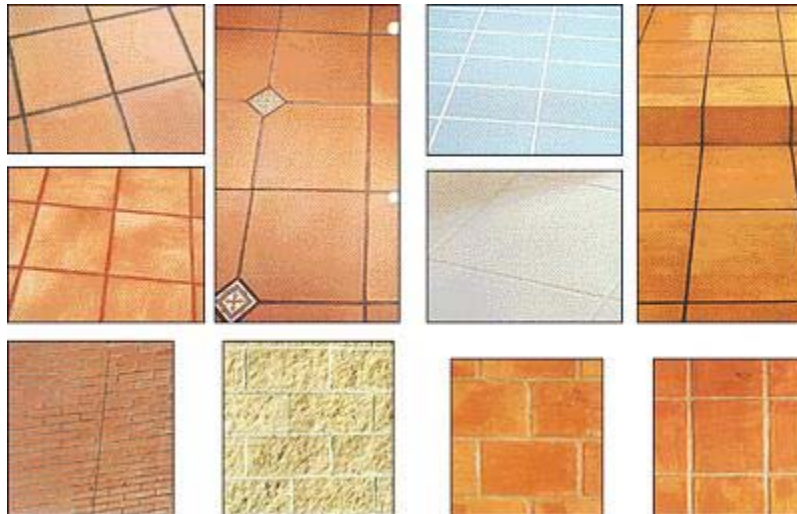
Remove all excess bonding mortar in the joints. Allow 24 – 48 hours of curing for bonding mortars before apply **MAXJOINT**. Remove any loose particle or dust, cleaning all joints with water or compressed-air. Prior to application dampen the surface but do not leave any puddle of water in the joint.

Mixing

Place $\frac{3}{4}$ parts of the mixing water required into a clean container, pour in **MAXJOINT** and mix with a low speed drill (400-600 rpm) to get a thick and homogeneous paste, and then pour in the rest of the water mixing to obtain an uniform mortar consistency. If mixed by hand, increase the mixing-time until all lumps disappear. Only prepare sufficient quantity of **MAXJOINT** that can be applied in 30 minutes.

Application

For non-porous joints use a trowel or rubber float to spread and press the pointing mortar into joints until they are completely full. Also for porous joints **MAXJOINT** can be applied by caulking gun for faster placing and better cleaning. To get a smooth finish use a tuck-pointing trowel after the initial setting-time of **MAXJOINT** in order to press the material into the joint.



Application and curing conditions.

Do not apply **MAXJOINT** below 5 °C or if lower temperature is expected within 24 hours after application. Do not apply on frozen surfaces.

Applications above 35 °C should be avoided. Protect during the first hours of curing by covering with plastic sheeting to stop it from drying too quickly through wind and/or sunlight or high temperatures.

Cleaning

Clean with a wet sponge or cloth while mortar is still fresh to remove any excess from the joint or tile face. All tools and equipments must be cleaned with water immediately after use. Once **MAXJOINT** hardens it can only be removed by mechanical means.

Consumption

One kilogram of **MAXJOINT** fills approximately 0,6 litres. A 10 mm width and 10 mm deep joint, needs 1 kg/m² for a surface covered with 20x20 cm ceramic tiles.

Packaging

MAXJOINT is packaged in 25 kg bag and 5 kg can.

MAXJOINT is supplied in two types depending on the joint width to fill. **MAXJOINT** 0 – 4 is suitable for joint width up to 4 mm

and **MAXJOINT 4 – 20** is suitable for joint width between 4 to 20 mm. Both types are available in different colours: white, grey, black, cream, blue, jade, brown, beige, terracotta and salmon colour.

Also available as **MAXJOINT POOL**. A pointing mortar with a high microbiological resistance against the growth of algae and fungi on its surface. It is suitable for use in those environmental conditions favorable to bacterial reproduction such as swimming-pools, wastewater treatment plants, aquariums, hospitals, schools, laboratories, industries, etc.

Storage

Eighteen months in its original unopened packaging in a dry and covered place, protected from frost and humidity, protect from temperatures below 5 °C.

Safety and health

MAXJOINT is non-toxic but as any cement-based product it is abrasive. Protective rubber gloves and safety goggles must be used to prepare and apply the mixture. In case of skin contact, clean with soap and clean water. In case of eye contact, rinse thoroughly with clean water, but do not rub. If irritation continues, seek medical attention. Safety Data Sheet of MAXJOINT is available by request.

Disposal of the product and empty containers must be carried out according to official local regulations.

Technical data

	0-4 Type	4-20 Type
Mixing water (% weight / weight prod.)	26 ± 2	21 ± 2
Maximum size of aggregate (mm)	0,3	0,7
Density of the mortar (kg. / m ³)	1,735	1,645
Curing time for pedestrian traffic (hours)	24	
Capillarity (gr /dm ² min ½)	1.8	2.7
Flexural strength (MPa)		
7 days	7.45	4.9
28 days	7.93	5.0
Compressive strength (MPa)		
7 days	27.1	17.3
28 days	27.3	18.9

Guarantee

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO** reserves the right to introduce changes without prior price. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.

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