



DRIZORO[®] SILICA

SILICA AGGREGATE WITH CONTROLLED SIZE

DESCRIPTION

DRIZORO[®] SILICA is a well-graded, clean, dry siliceous aggregate with controlled granulometry, free of salts and pollution, specially designed for use in the mixing of micro-concretes and mortars, non-slip coatings, and multi-layer flooring systems.

APPLICATION FIELDS

DRIZORO[®] SILICA 0204

- Component C for self-levelling epoxy systems: **MAXEPOX[®] FLEX** or **MAXEPOX[®] FLOOR**.
- Component C for the **MAXEPOX[®] FLOOR** dry epoxy mortar.
- Aggregate for anti-slip systems with medium rough finish using **MAXFLOOR[®]**, **MAXURETHANE** range products, **MAXEPOX[®] FLEX** or **MAXEPOX[®] FLOOR**.

DRIZORO[®] SILICA 0308

- Component C for the **MAXEPOX[®] MORTER** dry epoxy mortar.
- Aggregate for anti-slip systems with very rough finish using **MAXFLOOR[®]**, **MAXURETHANE** range products, **MAXEPOX[®] FLEX** or **MAXEPOX[®] FLOOR**.

DRIZORO[®] SILICA 1020

- Component C for the **MAXEPOX[®] MORTER** dry epoxy mortar.
- Aggregate for improving the adhesion of cement mortars, renders, etc., on epoxy surfaces such as carbon-fibre strengthening systems.

DRIZORO[®] SILICA 3050

- Aggregate for micro-concretes using **MAXGROUT[®]** or **MAXRITE[®] INJECTION**.

APPLICATION INSTRUCTIONS

For use as aggregate when mixing epoxy-based mortars, add **DRIZORO[®] SILICA** slowly and continuously on the epoxy binder and then, mix manually or preferably using a low speed drill (300-400 rpm. maximum), fitted with a disk mixer for about 2-3 minutes until achieving a homogeneous product in colour and appearance. Do not mix for prolonged period nor use high-speed mixer, which may heat the mixture or introduce air bubbles.

For use in multilayer systems, spread **DRIZORO[®] SILICA** immediately after applying the coat of resin, with adequate provision to cover the surface evenly without forming mounds or leaving areas without aggregate.

CONSUMPTION

For specific mixing ratios, consumptions and type of aggregate, consult the respective Technical Bulletins for products to be mixed with **DRIZORO[®] SILICA**.

IMPORTANT INDICATIONS

- For specific mixing ratios, consumptions, and other information, consult the respective Technical Bulletins for products to be used with **DRIZORO[®] SILICA**.
- Degree of surface texture is determined by the size of sand and its consumption, as well as the consumption and number of resin coats applied. Make a preliminary test on-site to determine the degree of texture required.
- **DRIZORO[®] SILICA** must be completely dry before mixing or dusting on any epoxy or polyurethane coatings.

- Do not add cements, solvents, thinners, admixtures, aggregates, or other compounds.
- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

PACKAGING

DRIZORO® SILICA is supplied in 25 kg bags. It is available in four different aggregate sizes:

- **DRIZORO® SILICA 0204.**
- **DRIZORO® SILICA 0308.**
- **DRIZORO® SILICA 1020.**
- **DRIZORO® SILICA 3050.**

Other aggregate sizes and packaging are available upon special request.

STORAGE

DRIZORO® SILICA has an indefinitely shelf life in its unopened and undamaged original sealed packaging. Store in a cool, dry and covered place, protected from moisture, freezing and away from direct exposure to sunlight at temperatures above 5°C.

TECHNICAL DATA

Product characteristics	DRIZORO® SILICA			
	SILICA 0204	SILICA 0308	SILICA 1020	SILICA 3050
Appearance	Silica aggregate	Silica aggregate	Silica aggregate	Silica aggregate
Humidity, (%)	< 1%	< 1%	< 1%	< 1%
Size, (mm)	0,2-0,4	0,3-0,8	1,0-2,0	3,0-5,0

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®, S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. 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.

SAFETY AND HEALTH

DRIZORO® SILICA is non-toxic but the usual precautions necessary for the use of epoxy and polyurethane products must be observed.

Avoid direct contact with skin and eyes, and breathing dust. Use rubber gloves and safety goggles when handling, mixing and applying the product. In case of contact with skin, wash affected area with soap and water. In case of contact with eyes, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance.

Consult the Material Safety Data Sheet for **DRIZORO® SILICA**

Disposal of the product and its packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.



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