

MAXPOX® COLOUR



COLOURED SILICA AGGREGATE FOR PREPARATION OF PAVEMENT MORTARS AND DECORATIVE TEXTURED FINISH OF FLOORS

DESCRIPTION

MAXEPOX® COLOUR is a well-graded dry silica sand, with granulometry from 0,5 to 1 mm, specially designed to provide a textured decorative finish, combined with transparent epoxy mortar such as MAXEPOX® MORTER (Technical Bulletin 76) or transparent polyurethane topcoatings such as MAXURETHANE®, MAXURETHANE® TOP and MAXURETHANE® 2C (Technical Bulletin 38, 146 and 87 respectively).

It is available in eight different colours to produce a wide variety and/or combination of decorative non-slip finishes on floors.

APPLICATION FIELDS

- Flooring systems for chemical and pharmaceutical industry, or other industrial facilities wherein a surface with a very high chemical resistance is required.
- Protective and decorative coatings for manufacturing plants, truck docks and warehouses.
- Multi-layered systems and/or anti-slip top coatings applied by dry-shake method.
- Flooring systems in big thickness with decorative finish for garages, hospitals, shopping centres, conference rooms, etc.

ADVANTAGES

- Effective cost solution, providing a coloured decorative self-finish with no need of further pigmented topcoats and saving labour cost.
- Excellent colour stability and UV resistance. Suitable for outdoor use with aliphatic coatings such as MAXURETHANE® 2C or MAXURETHANE® TOP.
- Hard-wearing aggregate with high abrasion and chemical resistance.

APPLICATION INSTRUCTIONS

Consult our technical note Preparation of concrete surfaces for application of epoxy-based coatings.

Follow the specific indications of application in the Technical Bulletin for each DRIZORO® epoxy or polyurethane product to be applied.

MAXEPOX® COLOUR must be completely dry before mixing or dusting on any epoxy or polyurethane coating.

CONSUMPTION

The estimated consumption of MAXEPOX® COLOUR mixed with MAXEPOX® MORTER as an epoxy mortar is approximately 1,8 kg/m²·mm thickness, using a binder resin:aggregate ratio from 1:5 to 1:6 (by weight). Estimated total consumption of mortar is about 2,1 kg/m²·mm thickness, corresponding to 0,3 kg/m²·mm thickness of binder resin MAXEPOX® MORTER. The estimated consumption of MAXEPOX® COLOUR spread using a broadcast technique over wet coatings is about 1,0-1,5 kg/m² per layer.

These theoretical figures may vary depending on the roughness and surface conditions. A preliminary test on-site will determine the coverage exactly.

Technical information



MAXPOX® COLOUR



IMPORTANT INDICATIONS

- 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.
- MAXEPOX® COLOUR must be completely dry before use.
- Do not add cements, solvents or any other compounds to MAXEPOX® COLOUR.
- For further information and other uses not specified in this Technical Bulletin, consult our Technical Department.

PACKAGING AND COLOURS

MAXEPOX® COLOUR is supplied in 25 kg bags. It is available in eight different colours, classified and named from n° 1 to n° 8.

TECHNICAL DATA

Characteristics of the product	
Base of the aggregate	Siliceous
Size (mm)	0,5 to 1
Consumption	
Consumption* used in MAXEPOX® MORTER (kg/m ² ·mm thickness)	1,8
Ratio binder resin:aggregate in MAXEPOX® MORTER	1:5 to 1:6
Consumption* used in dry-shake method (kg/m ²)	1,0 - 1,5
Recommended thickness as epoxy-based mortar (mm)	4 – 5

Disclaimer:

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However the client is obliged to determine himself what products are suitable for use. Accordingly, no liability will be accepted by IBC.

For further information contact the IBC Technical Department.



Technical information

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STORAGE

MAXEPOX® COLOUR can be stored indefinitely in its original unopened packaging, in a dry and covered place, protected from humidity.

SAFETY AND HEALTH

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

For further information, Safety Data Sheet of MAXEPOX® COLOUR is available by request. Disposal of the product and its empty packaging must be made by the final user and ac-