



MAXEPOX[®]

THIX

THIXOTROPIC FIBER FOR EPOXY AND POLYURETHANE SYSTEMS

DESCRIPTION

MAXEPOX[®] THIX is a low density polyethylene fiber designed to be added on epoxy and polyurethane resins to increase its viscosity and to reduce slump on slopes, vertical surfaces and critical points.

APPLICATION FIELDS

- Coatings on concave corners, walls, connecting points of penetrating pipes, etc.
- Coatings on slopes and ramps in garages, warehouses, etc.

ADVANTAGES

- Allows modifying the viscosity required depending on the different conditions on job-site.
- Ready to be added directly on the mix.
- Easy to handle and to achieve the viscosity desired.

APPLICATION INSTRUCTIONS

Mixing

MAXEPOX[®] THIX is a product ready to use. Previously pre-mix the epoxy/ polyurethane components separately, and then add the hardener component B on the resin component A. Finally, add **MAXEPOX[®] THIX** to the mixed components (A+B).

Mix by a low speed drill (300-400 rpm. maximum), fitted with a mixer suitable for liquids for about 2-3 minutes until achieving a homogeneous product in colour and appearance. Scrape the sides and the bottom of the container several times during mixing to ensure complete mixing.

Do not mix for prolonged period nor use high-speed mixer, which may heat the mixture or introduce air bubbles.

For preparation of epoxy/ polyurethane mortars, firstly mix binder resins (A+B) and **MAXEPOX[®] THIX**, and then add the sand **DRIZORO[®] SILICA** mixing well until a homogeneous mortar in appearance is achieved.

Application

Apply the mixture with the usual tools for epoxy and polyurethane systems by brush, spatula, trowel, toothed trowel, rubber squeegee, etc.

Application and curing conditions

Check the respective Technical Bulletin of the epoxy/ polyurethane system applied.

Cleaning

Check the respective Technical Bulletin of the epoxy/ polyurethane system applied.

DOSAGE

General dosage of **MAXEPOX[®] THIX** varies from 1 % to 3 % by total weight of binder resin (A+B). If required, lower or higher dosage is allowed by previous testing. In all cases testing mixes should be carried out to determine on job-site the optimum dosage depending on the application desired, curing conditions, substrate porosity, application tools, etc.

IMPORTANT INDICATIONS

- Do not add directly **MAXEPOX[®] THIX** on component A, B or sand independently.
- **MAXEPOX[®] THIX** must be completely dry before use.
- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

PACKAGING

MAXEPOX[®] THIX is supplied in 1,5 kg drum.

STORAGE

MAXEPOX[®] THIX has an indefinitely shelf life in its unopened and undamaged original packaging. Store in a cool, dry and covered place, protected from moisture and frost, with temperatures above 5 °C.

SAFETY AND HEALTH

MAXEPOX[®] THIX is not a toxic or corrosive product.

Consult the Material Safety Data Sheet for MAXEPOX[®] THIX.

Disposal of the product and its empty packaging must be done in accordance with current official regulations and it is responsibility of the final user of the product.

TECHNICAL DATA

Product characteristics	
Appearance and colour	Off-white fiber
Density at 20 °C (g/cm ³)	0,95
Consumption* (% , by total weight of resin)	1 - 3

(*) This figure is for guidance only and may vary depending on application conditions. Perform a preliminary test on job-site to ascertain the consumption exactly.

GUARANTEE

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