



Technical Data Sheet

ME 39A

A three part thixotropic epoxy grouting system, with excellent corrosion and chemical resistant qualities. The product is ideally suited for placement as a continuous jointing compound in marble, ceramic and terrazzo tile system.

Advantages

- Ready to use three part system
- Single operation placement
- Low temperature cure feature
- Excellent chemical resistance
- High adhesive and cohesive strengths
- Adjustable hardener control for high temperature applications.

Use

Food factories, malls, shopping centres, dairies

Technical Properties

Mix ratio:	4:1
Pot life at 25oC:	30-40 minutes
Minimum application temperature:	5oC
Tensile Strength:	40-50 m.p.a.
Flexural Strength:	45-55 m.p.a.
Compressive Strength:	65-75 m.p.a.
Density at 25oC g/ml:	1.45
Initial hardness:	8 hours at 25oC
Full cure:	7 days at 20oC

Preparation

Joints should be clean and free from loose mortar or other contaminants. Joint interfaces should be clean and dry. Mortar beds should be sufficiently cured so as not to impede the adhesion of the grout. Minimum application depth of the grout should be 6mm from the finished tile surface.

Mixing

The resin (part A), hardener (part B) and fillers (part C) are packaged separately and supplied in the correct portions for use. Do not reduce the supplied quantities of the resin/hardener components (A/B). The supplied graded filler (part C) can be reduced or increased in the blending stage if required to obtain the required thixotropic blend. Incorrect mixing ratios of parts A/B will result in incomplete cure.

Add the hardener component (part B) to the resin (part A). Blend both components for 1-2 minutes to ensure uniform mixing. Add the filler (part C) and slowly blend all three components to a uniform mix. A suitable mixing head attached to a low speed drill is preferred. Mixing of the material at low speed is essential to prevent air entrapment. Complete kits should never be mixed by hand. Ensure all material is removed from sides of can during mixing.

Application

Apply by a two part gun or squeegee. Ensure the grout is applied uniformly to joint.

A second application may be necessary if grout is drawn to far below joint/tile interface due to unseen voids. It is desirable to allow a small amount of material to remain on the surface to ensure a flush finish when ground back. Coverage will depend on joint size.

Packaging

ME 39A is supplied as a three part system in 20.52Kg (15 litre) packs.

Clean Up

Use Solvent No.2 to clean tools. Do not use solvent to remove part cured material from hands. Use soap and water. Gloves should always be worn. See safety data sheet and read instructions on can prior to proceeding

Colours

Specialised colours are made to order. Colours may fade in certain circumstances or be subject to chemical attack. No warranty pertaining colour is given.

The technical information and suggestions contained herein are believed to be reliable, but since the conditions of use are beyond our control, they are not to be construed as warranties.