



Building part

- Wall
- Floor
- Wet room
- Dry room
- Swimming pool
- Food Industry
- Heavy load areas
- Indoors
- (Outdoors)

Substrate

- Minium shrinkage/deformation
- Moderat shrinkage/deformation
- Large shrinkage/deformation
- Concrete floors
- Concrete elements
- Floor screed
- Elec. - or waterbased floor heating
- Old tiling/painted surfaces
- Gypsum plaster
- Gypsum boards/celleplast boards
- Lightweight concrete blocks
- Lightweight concrete elements
- Plastered bricks
- Wooden boards
- Wet room membrane

Joint width

- 2-12 mm

3650 multipox



Epoxy tile adhesive and grout for floor and wall, inside and outside, in wet and dry rooms.

- Can be applied on most tiles and natural stones (grouting not recommended on absorbent natural stone)
- Suitable for food- and pharmaceutical industry
- Waterfirm, frostproof, chemical resistant
- Quick curing

Use 3650 multipox for bonding and grouting of tiles and clinkers on stable substrates. 3650 multipox is a very strong adhesive/grout. It resists most environmental influences and is therefore suitable for industrial environment with risk of chemical exposure, and where there are special requirements for hygiene and cleaning eg in food- and pharmaceutical industry etc.

3650 multipox is a 2-component adhesive/grout. Binder and hardener are mixed in the bucket immediately before use.

3650 multipox is supplied in 3 kg bucket. Supplied in several colours.

Product description

2-component epoxy adhesive and grout for professional use. Chemical resistant and with high tension and compression strength.

Technical data

Product class acc. to EN 13888:	RG
Product class acc. to EN 12004:	R2T
Density, wet	1700 kg/m ³
Adhesion:	approx. 3 N/mm ² depends on substrates
Pot life at 20°C:	approx. 30-60 min. after mixing
Setting time at 20°C for light foot walking traffic:	24-48 hours
Final set:	7 days
Recommended working temperature of product and room:	10-25°C
Temperature resistance (hardened product): for short periods up to +80°C	-30°-+60°C
Consumption (depends on dimension of tiles/joint width)	
CE	See information on DoP

Applications areas

For mounting and grouting of ceramic tiles, mosaics, clinker, natural stones, ceramic granite tiles etc. inside and outside, in wet and dry areas - NOT recommended for absorbent natural stone and marble. 3650 multipox can be used outdoors, however, UV radiation may change colour of the joint.

Pre-treatment of substrate

Ensure substrate has carrying capacity, is sound and coherent, cleaned for dust, grease and oil etc. Substrate must be dry.

When mounting on old tiling and painted surfaces ensure that old tiles or paint adheres to surface and do not come off.

Mixing

Products must have temperature of min. +10°C. Mixing shall be done in bucket in which product is supplied, with a slow rotating mixing paddle. Pour curing agent (component B) into binder (component A) and mix thoroughly with slow moving mixing paddle for about 2 min. to homogeneous mass. Pot life 30-60 min. after mixing.

Adhesion

3650 adhesive shall be spread on the substrate with smooth side of notched trowel, then draw the notched side through adhesive. Follow recommendation for correct choice of tooth size for tile type and substrate.

The tiles are pressed/twisted in place in wet adhesive. Ensure that back of tile is fully covered. If there is a cavity there will be a risk that adhesive will sink during curing and cause holes in adhesive layer.

Dependent on room temperature tiled surface is ready for grouting after 1-2 days at +20°C.

Grouting

Apply grout with special epoxy float mira 4575 groutmaster, which is drawn diagonally over tiles, and grout is worked thoroughly into joints to achieve a compact filling. Excess grout is removed immediately with float to facilitate later cleaning. When grout has set after min. 15-30 minutes, moisten entire surface with plenty of water mixed with mira 7250 epoxy remover (in ration 1:20) and scrub with padmaster. Then remove excess grout and grout haze with sponge and shape joints.

Joints can still be shaped after 3-6 hours.

Any excess grout can be removed after 9-12 hours with mira 7120 ceramic cleaner diluted with water in ration 1:2. Remove washing water from tiles with sponge (use warm water) or water vacuum cleaner (floor). Ensure careful cleaning in order to remove all haze from tile surface, as cured grout can only be removed mechanically.

Clean tools immediately after use with warm water added a little mira 7250 epoxy remover.

Working environment

The product contains epoxy. Requirements for special training: Working Environment Authority course for working with epoxy products.

Reference to product safety data sheet.

Packing

3 kg plastic bucket.

Storage and transportation

Transport and store frost-free (between +2 and 40°C).

Product will maintain technical specifications minimum 12 months from production date in unopened packing.

Can be used hereafter technical properties may, however, change; e.g. setting time may be extended.

See www.mira.eu.com for information on mira levelling compounds, screeds, waterproofing, tile adhesives, tile fixing and grouting