

## light fix



**Cement based, polymer strengthened, extra light and flexible, grey tile adhesive for floor and wall, inside and outside, in wet and dry rooms.**

- **Extra light, very flexible and workable tile adhesive**
- **Cover more than 25% bigger areal than traditional tile adhesives**
- **High bond strength ensures no vertical slip**
- **Classified C2TE S1 flexible**
- **Low dust**

light fix is based on grey cement and easy to prepare and distribute on tiling surface. All-purpose tile adhesive with high bond strength ensures no vertical slip.

This adhesive is extra light and covers more than 25% bigger area than traditional tile adhesives.

light fix is supplied in 12 kg bag.

### Application areas

- Wall
- Floor
- Dry room
- Wetroom
- Swimming pool
- Indoors
- Outdoors on facades


### Substrate

- Minimum 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 cement coated
- Lightweight concrete block
- Lightweight concrete elementer
- Plastered bricks
- Wooden boards
- Wetroom membrane

## Product description

Cement based, flexible, frostproof, water resistant, extra light and flexible, polymer strengthened, grey tile adhesive in low dust powder form.

## Technical data

Density:	1100 kg/m <sup>3</sup>
Product class acc. to EN 12004:	C2TE S1
Pot life:	max. 6 hours
Setting time at 18°C for grouting/light foot traffic :	10-18 hours
Final set:	7 days
Recommended working temperature:	10-25°C
Consumption (dependent on substrate, tile size and tile trowel)	
Wall:	1.0-2.0 kg/m <sup>2</sup>
Floor:	1.0-2.7 kg/m <sup>2</sup>
	See information on Declaration of Performance

## Application areas

For mounting of all types of ceramic tiles, clinker, mosaic, natural stones and granite ceramic tile, inside and outside, for floor and wall, in wet and dry areas. As light fix is grey we do not recommend using it on thin tiles, stained glass, light marble and the like due to the risk of colour translucency.

## Types of substrate

Concrete floors with and without underfloor heating, plaster, plasterboard, fibre plaster, calcium silicate boards, old tiling, painted surfaces, terrazzo, cement or anhydrite based levellers, room sized concrete elements and light concrete elements with moderate shrinkage, movements and deformation.

## Pre-treatment of substrate

Ensure substrate has carrying capacity, is sound and coherent, cleaned for dust, grease and laitance. Substrate must be so dry that 4180 primer can be absorbed in the surface.

When mounting on old tiling and painted surfaces ensure that tiles or paint stick to surface. Clean surface for grease etc. with 7110 base cleaner.

Absorbent substrates shall be primed with 4180 primer and in wetrooms be water tightened according to applying building regulations and mira installation instructions for wetrooms.

See [www.mira.eu.com](http://www.mira.eu.com) for information on mira levelling compounds, screeds, waterproofing, tile adhesives, tile fixing and grouting

## Application

12 kg powder to be mixed with 4.8-5.0 l clean water to a lump free mixture and the mix is ready to use. The powder and water shall be within recommended working temperature. Use mixing paddle on drill.

The adhesive can be applied within approx. 6 hours after mixing. Care must be taken that tiles are fixed within open time to avoid formation of skin on adhesive surface.

z-fix excellent is applied to substrate with smooth side of a notched trowel and combed through with notched side. Follow recommendation for correct choice of tooth size for tile type and substrate.

The tiles are pressed/twisted in place in wet adhesive. Check regularly that backside of tile is fully covered.

Avoid wind, draught and heat exposure from eg. sunlight and underfloor heating during construction and curing time. Underfloor heating can be started slowly after 7-8 days.

For critical tasks such as outdoor balconies, facades, swimming pools etc. it may be necessary to apply adhesives on both substrate and tile in order to achieve 100% coverage (buttering).

Areas over 36 m<sup>2</sup> and areas of a length above 8 m shall normally be divided in areas with expansion joints across the construction.

Dependent on absorbing capacity of tiles and room temperature, tiling is ready to be grouted after approx. 10 hours for walls and 18 hours for floors.

## Working environment

The product contains cement. Working environment rules for cement must be followed.

light fix is guaranteed chrome neutralized in minimum 12 months from date of production in unopened packaging.

Reference to product safety data sheet.

## Packing

12 kg plastic strengthened paper bags with handle.

## Storage and transportation

Transport and store dry. 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.