



Areas of application

- Wall
- Floor
- Dry room
- Wet room
- Swimming pool
- Indoors
- Outdoors

Substrate

- Concrete
- Lightweight concrete
- Waterproofing
- Heated floor
- Floor screed
- Plastered masonry
- Gypsum board
- Plaster/ render
- Old tiling/paint
- Wood
- Stainless steel, plastic laminate
- Oven, firewall

3100 unifix

Cement-based, polymer reinforced grey tile adhesive for floors and walls indoors and outdoors in dry and wet rooms on stable substrates.

- Suitable for substrates with minimal deformation
- Suitable for installing all types of ceramic tiles, granite and slate
- Class C2T

3100 unifix is suitable for the application of ceramic tiles on stable substrates with minimal risk of deformation.

3100 unifix is a dry product that can be used after mixing with water.

3100 unifix is available in 25 kg bags.



Product description

Grey, cement-based, frost resistant, waterproof, polymer-reinforced dry mixture.

Technical data

Density	1,45 kg/m ³
Product class according to EN 12004	C2T
Pot life	6 h
Setting time at 18 °C	
Further treatment / light traffic	10–24 h
Full load	7 days
Recommended working temperature	10–25 °C
Coverage	
Walls (average)	2 kg/m ²
Floors (average)	3 kg/m ²

Application areas

Application of all types of ceramic tiles both indoors and outdoors, in dry and wet rooms. As mira 3100 unifix is grey, it is not recommended for thin tiles, glass mosaic, light marble etc because the tone of the adhesive can be visible.

Type of substrate

Stable floors and walls with minimal risk of deformation. Suitable substrates include plastered masonry, stone walls, gypsum boards, concrete elements and lightweight concrete elements with minimal volume fluctuation.

Pre-treatment of substrate

The substrate must have carrying capacity, be stable, without cracks, clean of dust, grease and cement laitance. The substrate must be dry enough to absorb mira 4180 primer. Absorbent substrates must be primed with mira 4180 primer, wet rooms must be waterproofed according to ETAG 022 guidelines and the mira manual.

Application

25 kg of powder to be mixed with 6,25–7 litres of clean water. Use a mixing paddle on drill or mixing pump. Mix minimum 2–5 minutes to homogeneous mix.

The temperature of the powder, water and substrate must be within the allowed range of 10–25 °C. The pot life of the mixed product is 6 hours. It is not recommended to apply the tile adhesive to too large areas at once, because then the product can start forming a dry layer before it is managed to cover with ceramic tiles.

3100 unifix is applied to the substrate using a trowel's straight edge and then combed through with the toothed edge. The trowel must be chosen according to the ceramic tiles. The tiled must be pressed into the wet mortar. Ensure that the back side of the tile is fully covered with the tile adhesive.

Areas larger than 36 m² or with a side longer than 8 m are usually divided into separate parts throughout the whole construction.

Depending on the absorption of the tile and the temperature of the room, the wall surfaces will be ready for further treatment after about 10 hours and floor surfaces after about 18 hours.

Working environment

The product contains cement. Working hygienic rules for cement must be followed. 3100 unifix is guaranteed chrome neutralized for a minimum of 12 months. Reference the product safety data sheet.

Packaging

3100 unifix is available in 25 kg paper bags.

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.

Sale

mira products are available in the best supplied construction stores in Estonia, Finland, Latvia and Lithuania.