

## CEMENTILES

### INSTALLATION INSTRUCTIONS

#### **Screed preparation**

The cement tiles must be installed on a firm support. The first step is to prepare a clean, dry, cured footing which is completely level and crack-free. Any cracks in the footing must be sealed using appropriate products that can be readily found on the market. If the footing does not appear to be flat, use a self-levelling product.

Use vapour barriers and specific primers to remedy any excess residual humidity.

Rising damp may cause spots on the tile surface.

Humidity levels below 2% are acceptable for cement screeds, but anhydrite screeds must have less than 0.5% humidity.

#### **Installation**

Use a flexible quick-setting or medium quick-setting cement-based adhesive for ceramics and stone material, such as Bisazza Ad Hoc or equivalent.

Apply the adhesive evenly, using a wide-notched trowel (1 x 1 cm notches), on both the footing and the back of the tile (double coating). Do not leave any gaps in the adhesive, otherwise the tile edges may break. For the back of the tile use the smooth part of the trowel.

When using a thin set mortar, double coating is not necessary, but a round-notched trowel with a notch depth of at least 1 cm should be used.

Position the tiles by hand, without hammering, and leave a joint of 2 mm between tiles, just enough to insert the cement-based grout (wider joints may ruin the effect of any decoration).

To cut the tiles the perfect way:

- a) for areas not to be seen (e.g. the room perimeter) please use a tile-cutter;
- b) for in-view areas, please use a specific tile-cutter with diamond blade suitable for ceramic or marble and 1,0-1,4 mm thick, or a water-jet one.

In case you're using the water-jet cutter, be careful to let the tiles dry before laying.

Any excess cement-based adhesive on the tile surface or in the joints between them should be removed immediately using a damp sponge.

If a carpet decoration has been chosen, installation must begin with the central portion of the decoration working outwards; this is the only way to ensure that the required cuts will not disrupt the design.

#### Recommended adhesives

Ad Hoc Bisazza, PCI Carrament\*.

#### Coverage of Ad Hoc adhesive

4.3 kg/sqm of powder (trowel with 1x1 cm notches)

## **Grouting**

Start grouting only when the adhesive used is completely dry: the exact drying time varies by brand, so read and follow the manufacturer's technical data sheets.

**Before starting to grout always clean carefully the tiles and, once dry, apply two crossed layers of pure MATT\* FILA wax using a paint roller; please wait for almost an hour between the two layers. The day after you can proceed with the grouting.**

ATTENTION: VERY IMPORTANT TO CARRY OUT A 4 TILES TEST.

**Use neutral-coloured cement grouts ie: silver grey or cement grey. Whichever suits the design of the tile.**

Please avoid polymers modified grouts.

Slightly damp the surface with a sponge. Fill the joints using a clean rubber float, then wipe a damp sponge all over the tiles to even out the surface; when finished wash with new clean water. If the test area is clean, then go ahead with grouting of the whole area as indicated above. If the surface is still showing grouting traces, please wash with water and a melamine sponge.

Don't grout more than 3-4 sqm at once in order to avoid the grout to dry out.

Do not use any acid-based products to remove traces of grout.

After installation and grouting, as long as the work site is active, the floor surface should be protected by covering it with a clean and dry cotton cloth or wadding.

## **Warnings**

DO NOT sand the Bisazza cement tile floor.

Clean any stains immediately with water or neutral cleansers (i.e. Cleaner Pro\* FILA), using a melamine sponge.

The surface waxing process must be repeated to ease the product cleaning.

Original tile colours may fade with exposure to sunlight.

## **Areas of application**

Internal floors and walls for residential use.

Internal floors and walls for commercial use with moderate traffic.

Not recommended for wet rooms (showers, steam rooms, etc. )

\* Refer to the manufacturer's technical data sheets.