

## **Installation instructions for natural stone mosaics and borders**

**As a natural product is involved here, it is possible that the colours of the various batches may differ. The samples provided in the displays merely convey the character of the material which is shown.**

**In view of this, we recommend that the total quantity should be ordered in a single order.**

Please note the following installation instructions:

### **Preparing the base**

The quality of the base is decisive if the natural stone mosaic and borders are to be laid correctly.

The base must be levelled out to ensure that it is flush or vertical so that the mosaic has an even surface and jointing can be completed properly.

### **Installation**

The ideal temperature when laying a mosaic is 20°C. It is laid using a white, flexible, plasticised adhesive for natural stone.

The white adhesive is spread using a suitable toothed trowel and smoothed directly at the joint. This permits the mosaic to be laid without any air bubbles. The mosaic piece is then laid in the adhesive bed and tapped into place with the grout float (hard rubber float).

When the next mosaic pieces are laid, it must be ensured that the gap between the pieces matches the joint width of the particular mosaic piece. When the mosaic sheets which are to be laid are arranged, it must be borne in mind that for production reasons it is impossible to avoid minor inaccuracies in the joint and these belong to the desired characteristics of small mosaics (natural appearance).

It may be necessary to remove the adhesive which has been pressed into the grout chamber to create a joint with a homogeneous colour.

We recommend that adhesive mortars based on reaction resin be used to glue and joint areas which are exposed to a high level of moisture.

You can obtain information on suitable adhesives from, for example:  
PCI, ARDEX, MAPEI, WEBER & BROUTIN

## **Jointing**

Flexible, plasticised materials should be used for jointing. Please do NOT use coloured materials as these can result in the natural stone becoming discoloured.

After the cementitious mortar has hardened and any residue of the adhesive has been removed from the grout chambers, a rubber slide is used for jointing. Excess material is removed from the surface using a sponge board or a hand sponge. It must be ensured that the joints are completely filled.

We recommend that you clean the mosaic after approx. 20 minutes. The surface should only be washed with a moist cloth diagonally to the joint. A fleece cloth can be used for final cleaning. We recommend that adhesive mortars based on reaction resin be used to glue and joint areas which are exposed to a high level of moisture.

You can obtain information on suitable grouts from, for example:  
PCI, ARDEX, MAPEI, WEBER & BROUTIN

## **Customising broken mosaics and river pebble mosaics**

To customise the joint between the floor and the wall, for example, it is recommended that you select suitable individual stones from those available.

## **Cleaning / Care**

Use standard oil-free natural stone cleaning agents which do not contain a strong concentration of alkaline or acidic materials.

To protect against staining, standard natural stone impregnating agents must be applied before the material is processed.

We recommend that following installation and jointing a preservative impregnation which prevents water from being absorbed be applied to areas which are exposed to a high level of moisture. This protection should be repeated at intervals agreed on with the manufacturer.