

Installation instructions for aluminium and stainless steel mosaics and borders

Aluminium and stainless steel mosaics are as easy to lay as ceramic tiles and natural stone.

Installation

The ideal temperature when laying a mosaic is 20 °C. It is laid using a flexible, plasticised adhesive for non-absorbent materials.

The adhesive is spread using a suitable toothed trowel (3 mm to 4 mm) and smoothed immediately afterwards. 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. It may be necessary to remove the adhesive which has been pressed into the grout chamber to create a joint of uniform colour.

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

Jointing

Quartz-free, flexible, plasticised joint sealers for non-absorbent materials should be used for jointing. Jointing materials which contain quartz sand can lead to scratches on the surface.

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 immediately removed from the surface using a sponge board or a hand sponge before it hardens in the structure of the surface. It must be ensured that the joints are completely filled.

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

Cutting

Use wet cutting devices or metal handsaws. We recommend that you cut the material at the rear in order to prevent the edges from being uneven. Cut edges can be treated and smoothed using fine sand paper or a metal file.

Cleaning

We recommend that you use a soft sponge and warm soap water or alcohol for cleaning purposes. Please do not use any acidic or alkaline cleaning agents or any products with abrasive components (scouring milk, etc.).

