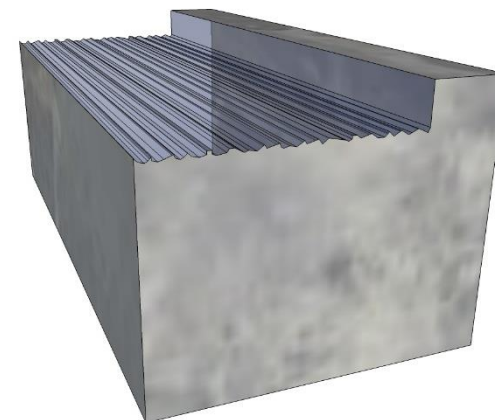
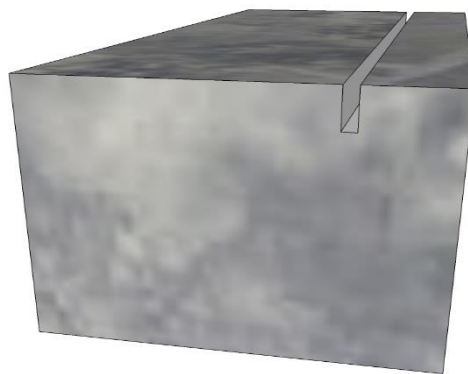
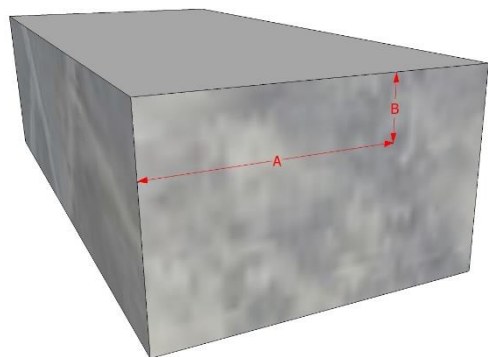


Installation instruction for Herkules SAN



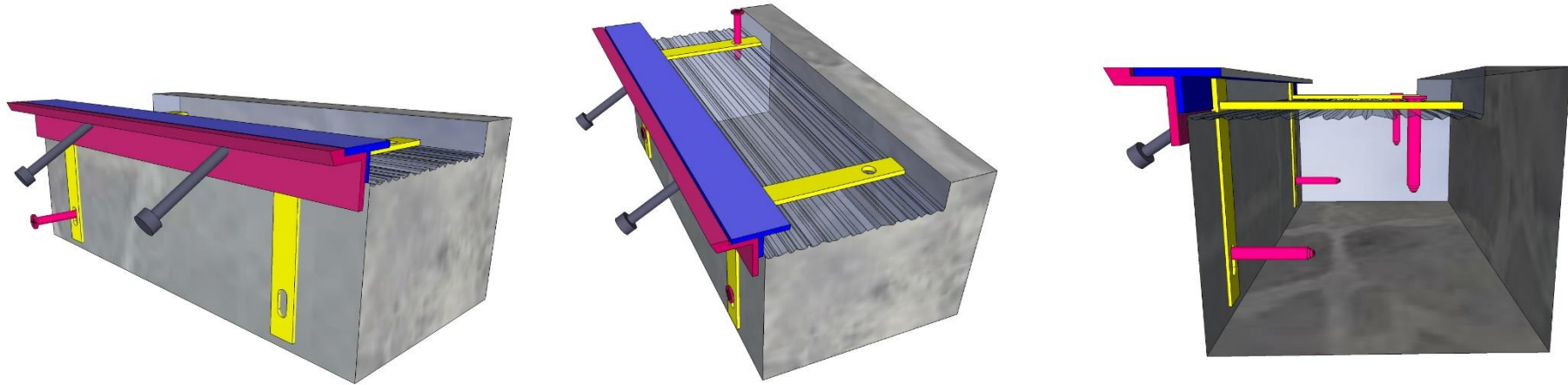
1. Chiseling out the are which has to be reconstructed

Setting a first guided cut over the full joint length on cutting depth B and width A by means of a diamond blade. Then chisel out the remaining area with a bell hammer.

For the Herkules SAN we recommend the following dimensions for chiseling out:

width **(A)** = 20 cm ~

depth **(B)** = 3 cm ~



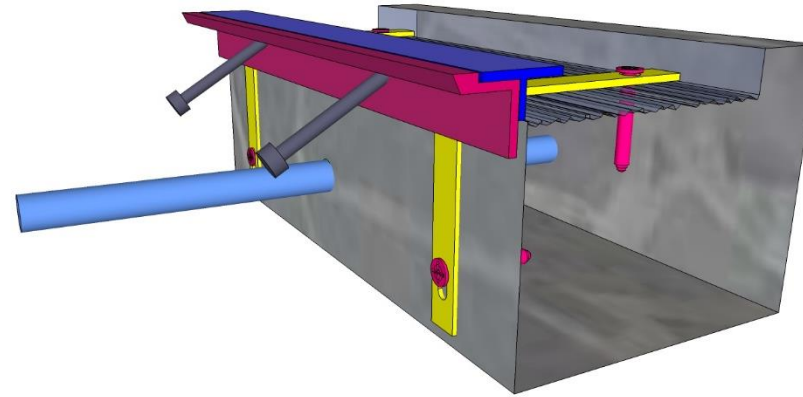
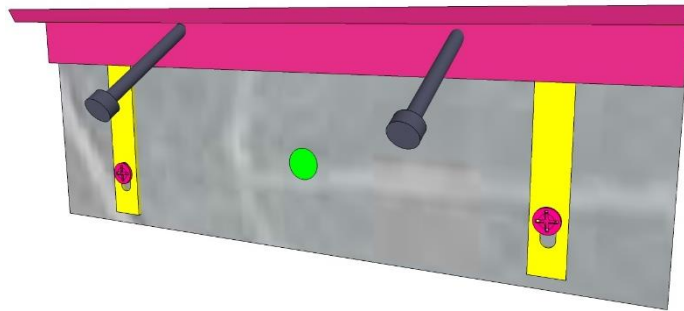
2. Levelling and screwing the profile

Cut the joint profile to the required axis length by means of a cutter. With an axis length larger than 2500 mm, the individual elements must be extended by means of the integrated connecting bolts. The joint profile head must be leveled horizontally to the upper edge of the component. To do this, support the mounting lugs on the profile with base plates to bring them to the requested height.

The mounting tabs of the joint profile (front side) are provided with oblong holes. Begin the frictional connection with the corresponding screw anchors on the front side first. The slots provide an additional way to readjust the height.

Then attach the mounting tabs to the surface of the component. Now the joint profile is bolted to the substrate through its mounting tabs and screw anchors and can be positively connected with the stock. The diameter of the screw holes is 8 mm.

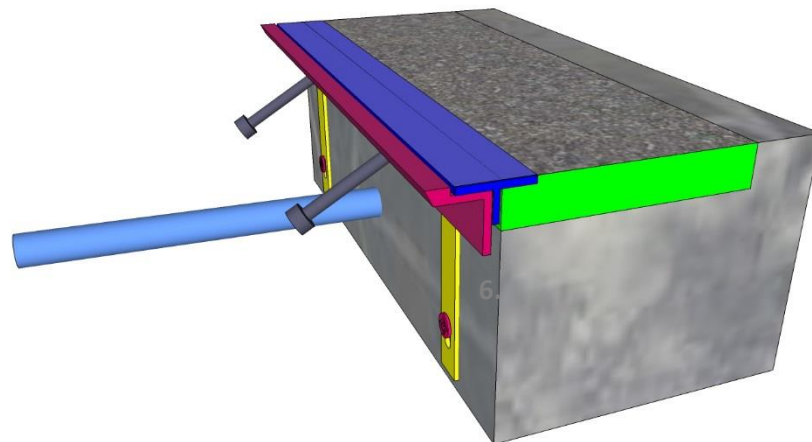
Our joint profiles do not require any special fastening systems and work with all common screw anchors for concrete. Please consult the manufacturer, stating the remedial measures and local conditions. Due to the simple application and many years of good experience, we recommend the products of the company *HILTI*.



3. Transverse force doweling

In order to avoid height offsets in this area, we recommend the installation of shear force dowels. In order to place these holes must be bored on the front side stock component to be set. Please size the drill hole diameter 2 mm above the diameter of the used dowels. The insertion depth can be drilled to exact dimensions. Subsequently, the holes must be blown out to facilitate the insertion of the dowels.

Please consult with the responsible planner / structural engineer specifying the remedial measure and the local conditions for a correct choice of the dimension and position of the lateral force dowels.



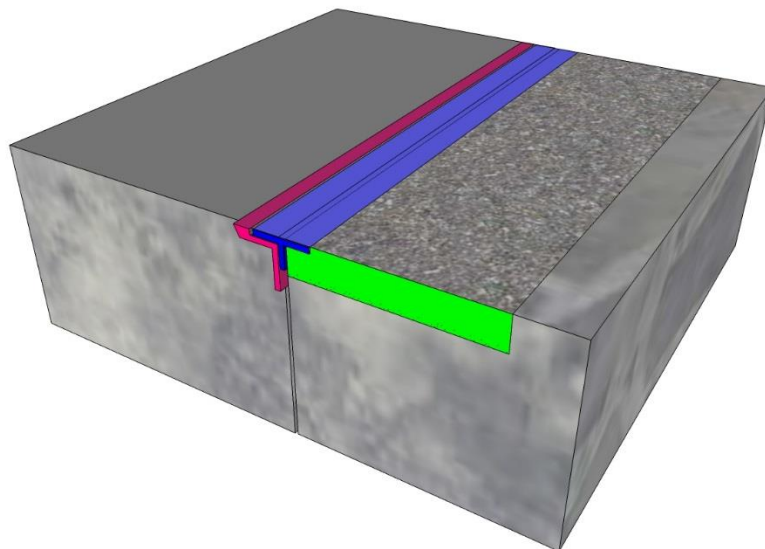
4. Protect the profile head

Please use a fibre-reinforced and residue-free tape to mask the profile head for protecting against dirt due to the following measure.

5. Apply mortar

The substrate must be cleaned and prepared according to the manufacturer's instructions. Finally, the cramped area and the profile must be filled and embedded with repair mortar over the entire area and without air inclusions and removed to a surface-ready level. Please make sure to carefully feed at the transition to the joint profile and, if necessary, work with a thinner consistency. The 1st load capacity of the joint profile depends on the setting time of the selected repair mortar.

Our joint profiles do not require special repair systems and work with all common repair and leveling compounds. Please consult with the manufacturer, stating the remedial measures and local conditions. Due to the simple application and many years of good experience, we recommend the product Rapid Set from *Korodur*.



5. Concreting / Loosening up the transport lock

The transport safety devices must be loosened after concreting the new component.

As soon as the first shrinkage movement of the new concrete surface begins, please loosen the color-coded transport locking screws in the profile head to ensure free movement. The transport locking screws are never screwed back into the profile head.

For your information: Our application-related recommendations comply with our experiences. We recommend to match the installation with the local conditions and refer to our general terms and conditions as well as of sale and delivery. As a basic principle, we reject any liability claims for above mentioned indications.