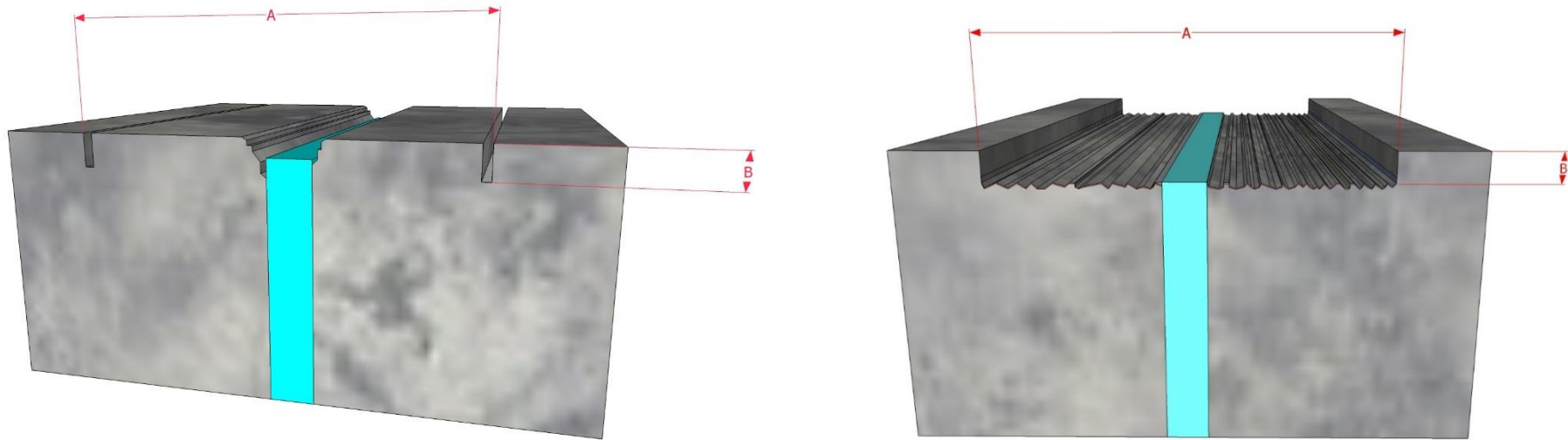


Installation instructions for Herkules ER140



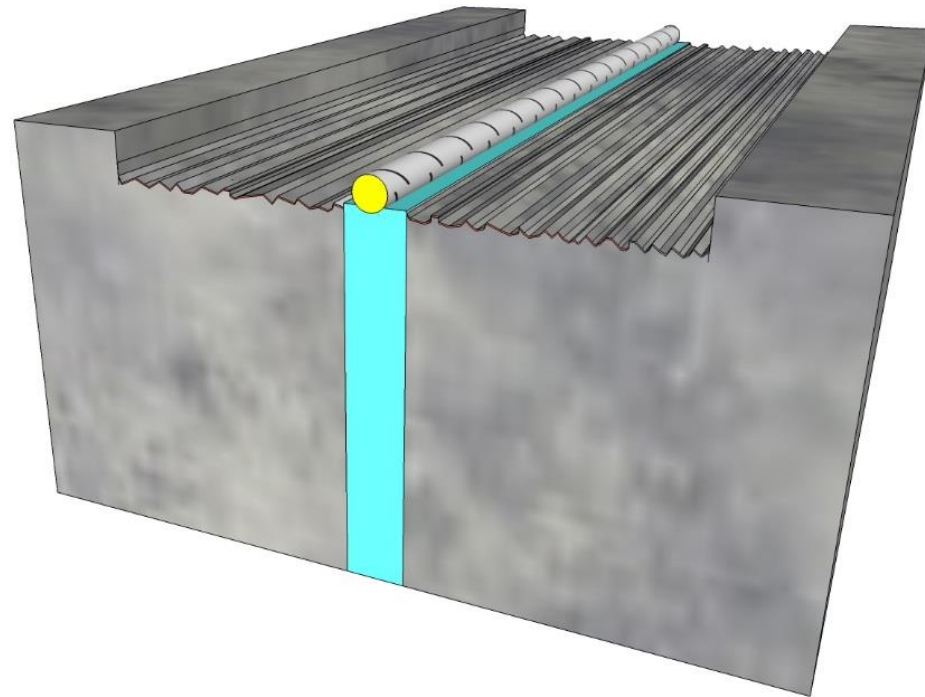
1. Chiseling out the area which has to be repaired

At first, make two cuts with a diamond blade along the entire length of the joint, with the cutting depth B and width A. Then chisel out the area in between with a jack hammer.

For our profile Herkules ER20 we recommend chiseling out an area with the following dimensions:

width **(A)** = 25 cm ~

depth **(B)** = 4 cm ~

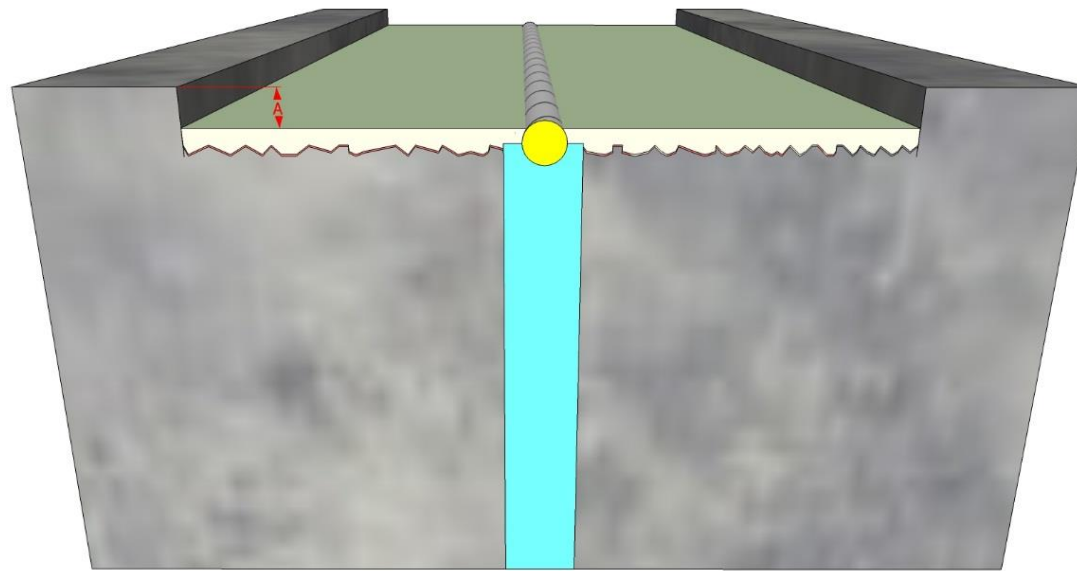


2 Adoption of the expansion joint

The existing expansion joint running below should be adopted with the same dimensions right up to the bottom edge of the profiles base.

We recommend using a PU-round cord with the appropriate diameter.

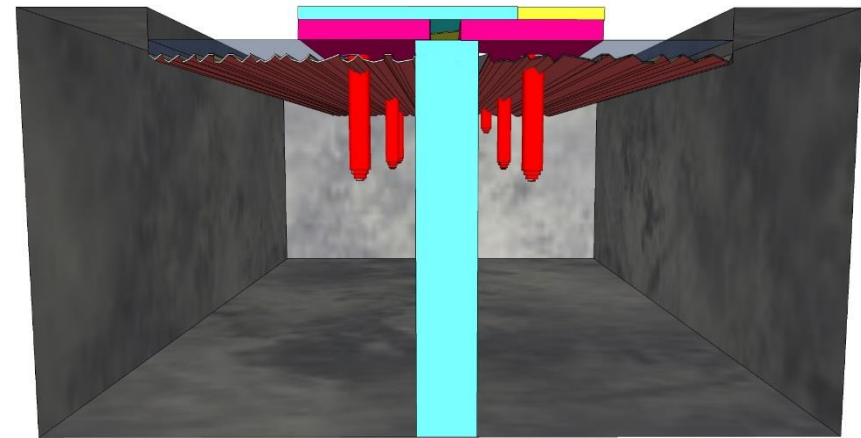
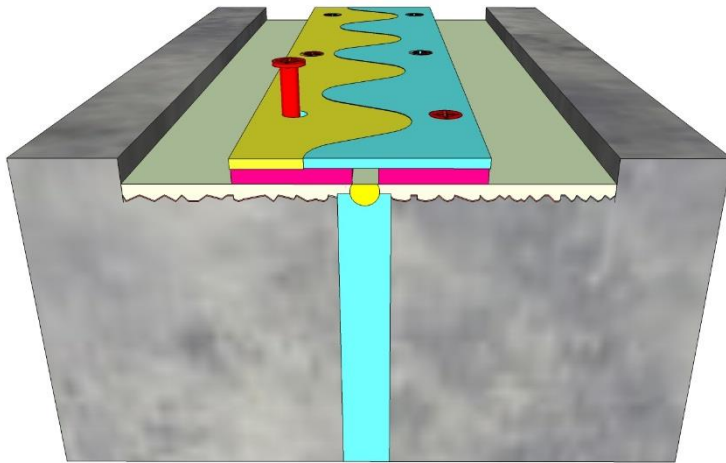
Please carry out this task with great care in order to prevent rigid mortar connections below the surface.



3 Placing the repair mortar / Step 1

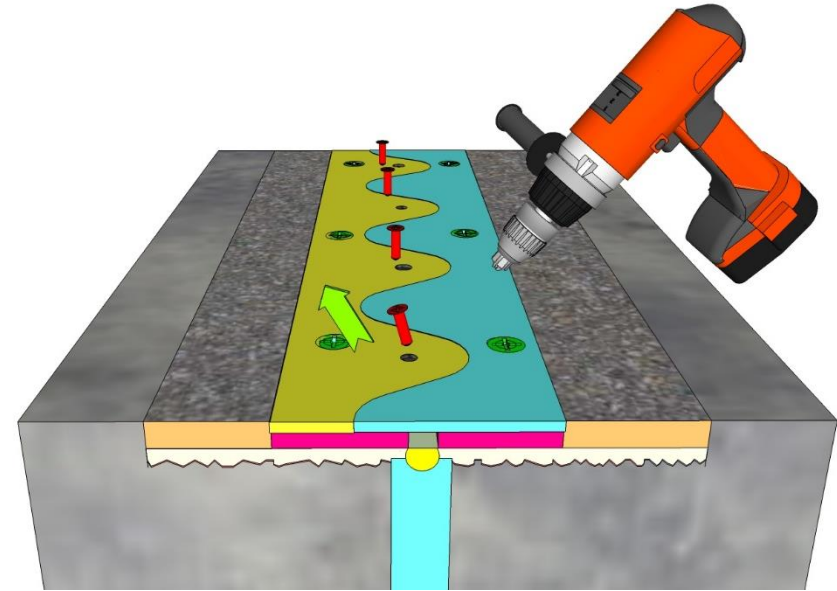
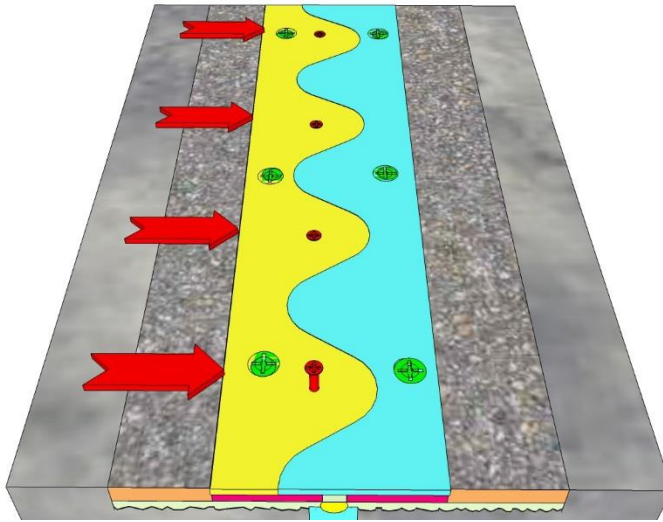
When the first layer of the repair mortar has set, it serves as a mounting platform for the joint profile and is also needed to level irregularities of the surface below. This first levelling layer has to be screeded meticulously. The height difference between this layer and the top level of the concrete slab has to be exactly the height of the profile in mm (A).

Our joint profile requires no extra repair systems and works with all common repair materials and compounds. Please consult with the responsible manufacturer and take into consideration the information about the building site and the local conditions. We recommend the Rapid Set Repair Mortar by the manufacturer Korodur due to the easy application and many years of good experiences.



4. Fixing the profile to the undersurface

When the repair mortar has set, the joint profile has to be screwed and friction-locked to the undersurface by driving the screws through the mounting brackets.



5. Removal of the transport locks

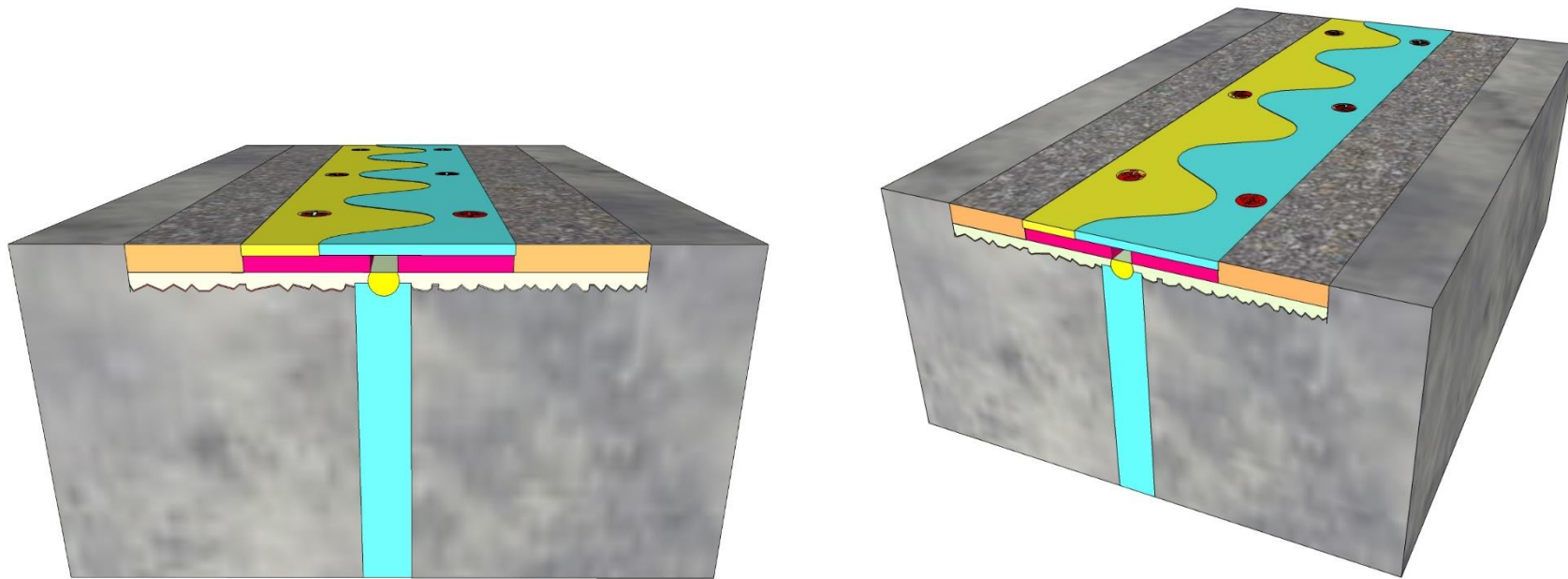
Please remove the color-highlighted transport locks in the profile head in order to guarantee best absorption of any movement of the profile. In rare cases, stress in the profile head occurs when the screws are too tight. After the removal of the transport locks this becomes apparent as sharp-edged irregularities on the profile head.

Loosen the overtight screws around this area until the minor irregularities disappear. In case of more pronounced irregularities, please change the screws completely. The transport locks are never screwed back in.



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6. Placing the repair mortar / Step 2

In the end, the profile has to be completely embedded in the repair mortar without any air pockets and screeded level with the surface. At the junction between profile and mortar, please take care to bolster the profile and take a thinner consistency of the mortar, if necessary. When the profile is ready to walk on depends on the setting time of the repair mortar used.

Please note: Our application-specific recommendations correspond with our experiences. We recommend to adjust the installation to the local conditions and refer to our general terms and conditions of sale and our delivery conditions. As a basic principle, we reject any liability claims for above mentioned instructions.