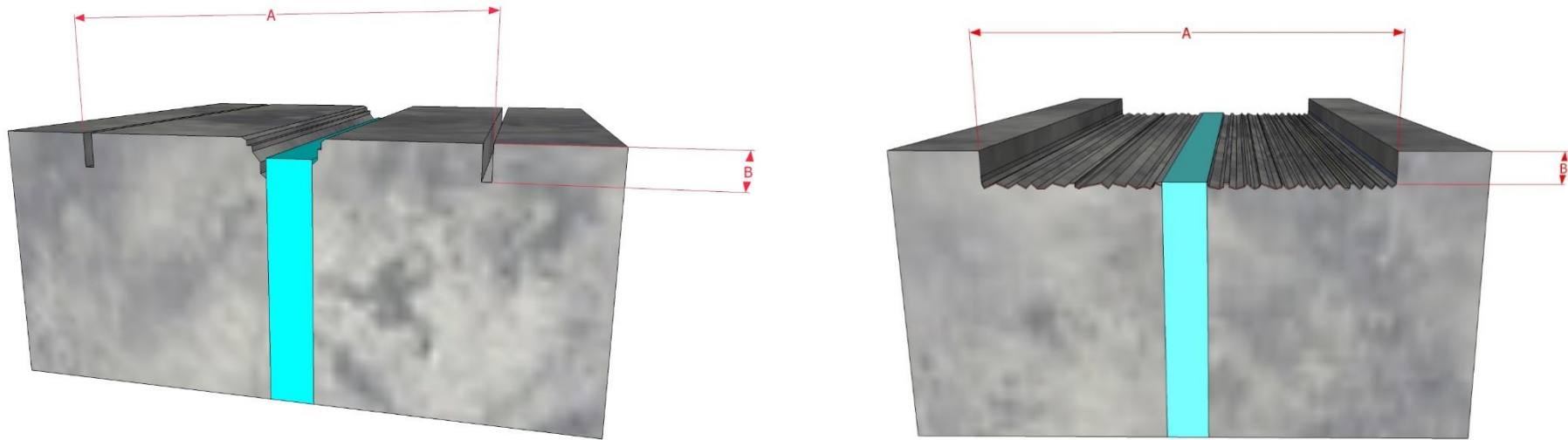


## Installation construction for Herkules ER20



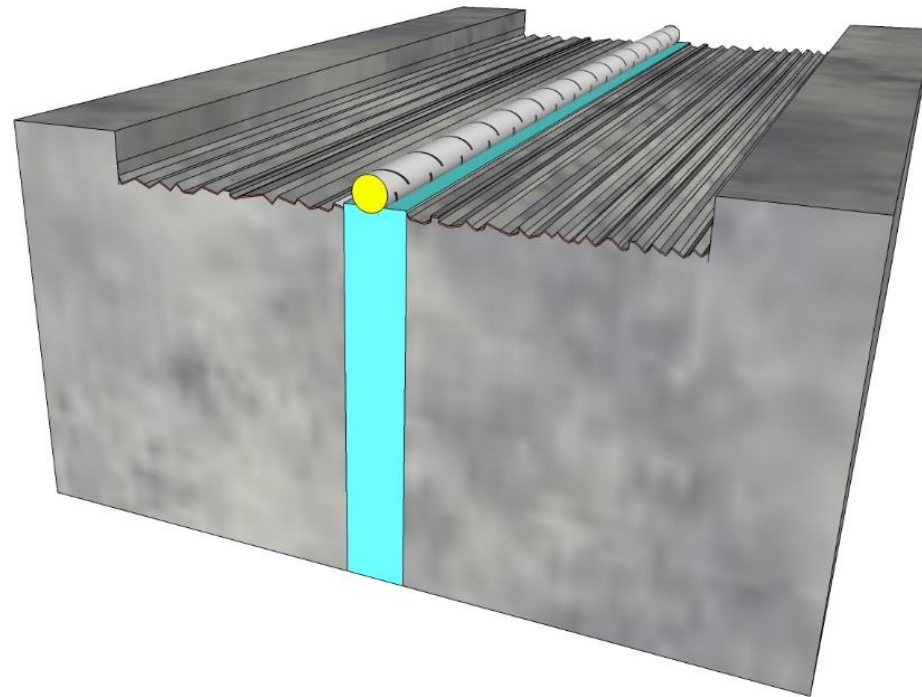
### 1. Chiseling out the are which has to be reconstructed

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 ER20 we recommend the following dimensions for chiseling out:

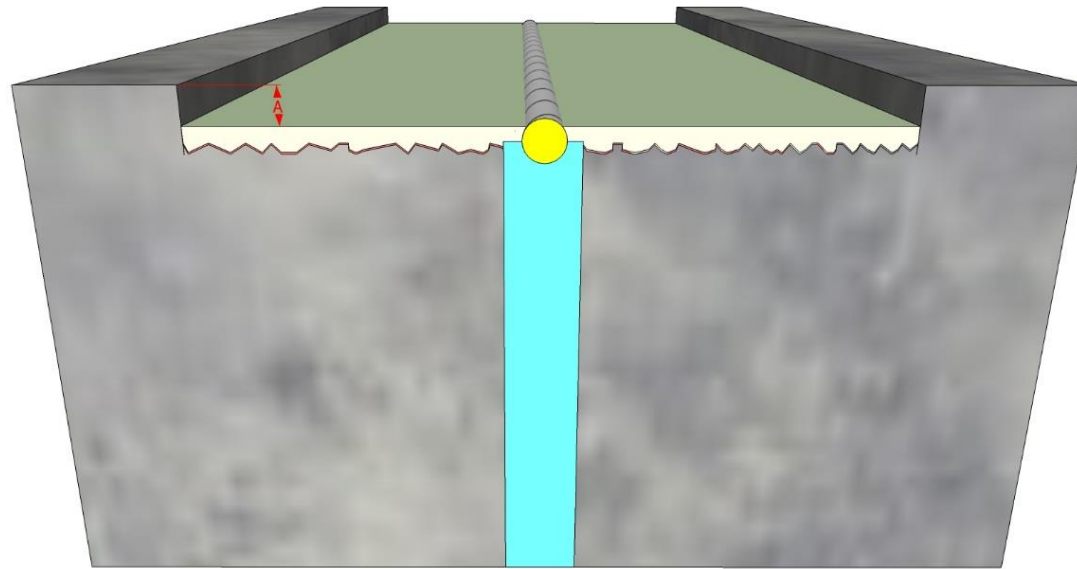
width **(A)** = 30 cm ~

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



## 2. Taking over the expansion joint

The existing expansion joint that runs along the lower area should be taken over within the same dimension except the low edge of the profile's substructure. Therefore, we recommend to use a round cord with appropriate diameter. This procedure has to be carried out with great care to avoid rigid mortar conjunctions.

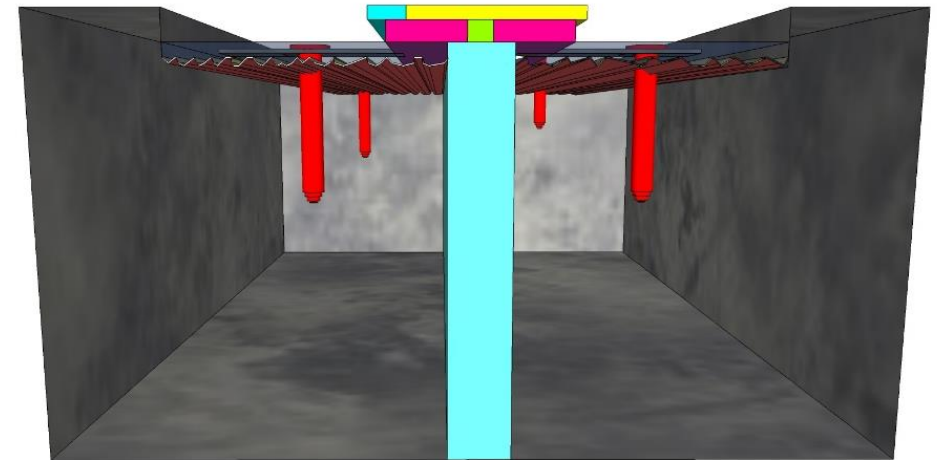
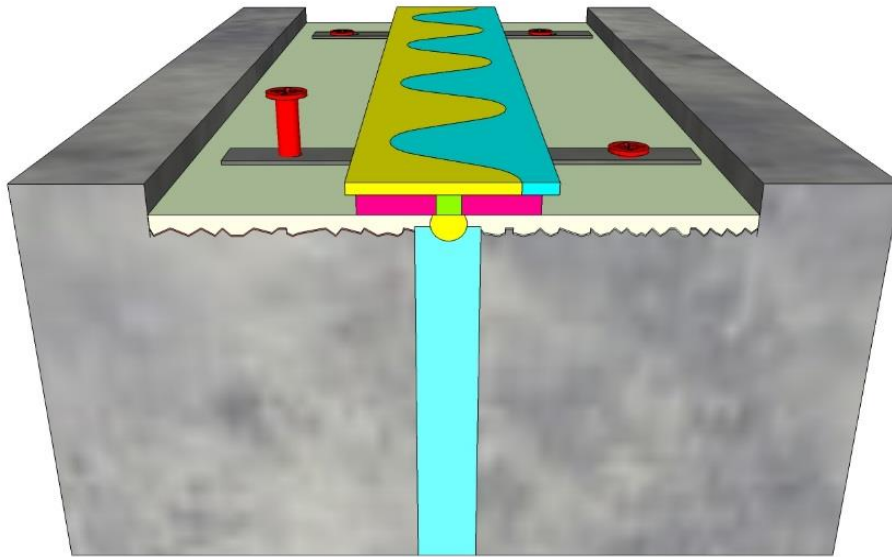


### 3. First layer of mortar / Step 1

The first layer of mortar serves as an assembly platform for the joint profile system and as a compensation for underlying unevenness. The first compensation layer has to have the same height and through the joint profile strength it has to lay under the upper edge of the finished component.

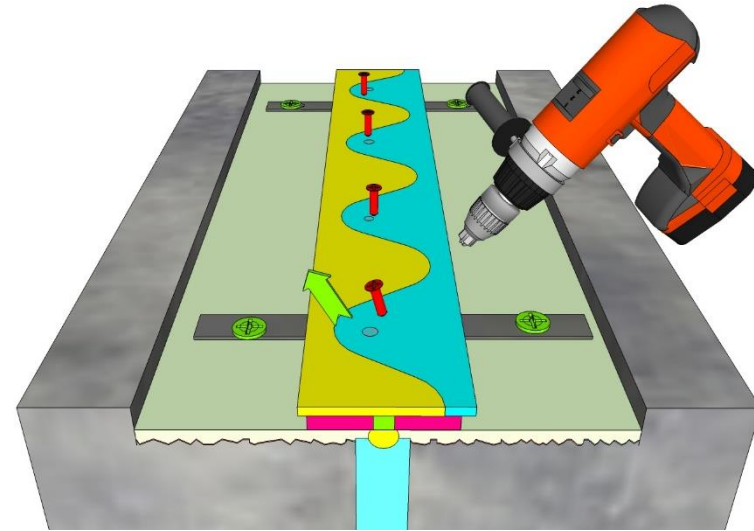
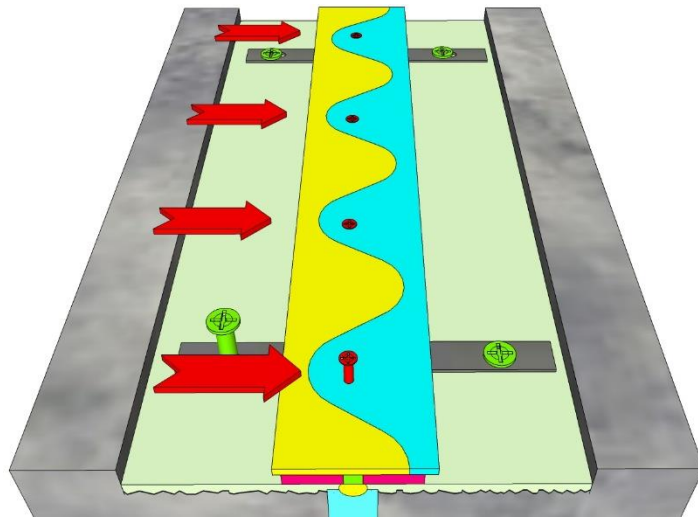
(A)

Our joint profile systems do not need any special repair systems and do work with all common repair and levelling compounds. Please consult with the producer stating the restructuring measures and local conditions. Due to the easy handling, the long-term and good experience we recommend the product *Rapid Set* of the company *Korodur*.



#### **4. Fixing the profile**

After binding the mortar the joint profile has to be fixed with anchor screws on the underground through its mounting tabs and has to be connected force-lockingly.



### 5. Loosening up the transport lock

Please loosen up the coloured transport safety bold in the profile head to guarantee a free movement capability.

In rare cases there could be some tensions in the profile head due to overtightened fixation with the screw anchors from the previous step. Those are now seen as sharp-edged unevennesses in the profile head after loosening up the transport lock.

Loosen up the overtightened screw anchors in this area until slight unevennesses are going back. For bigger unevennesses please renew all screw anchors. The transport safety bolts will not be fastened in again to the profile head.

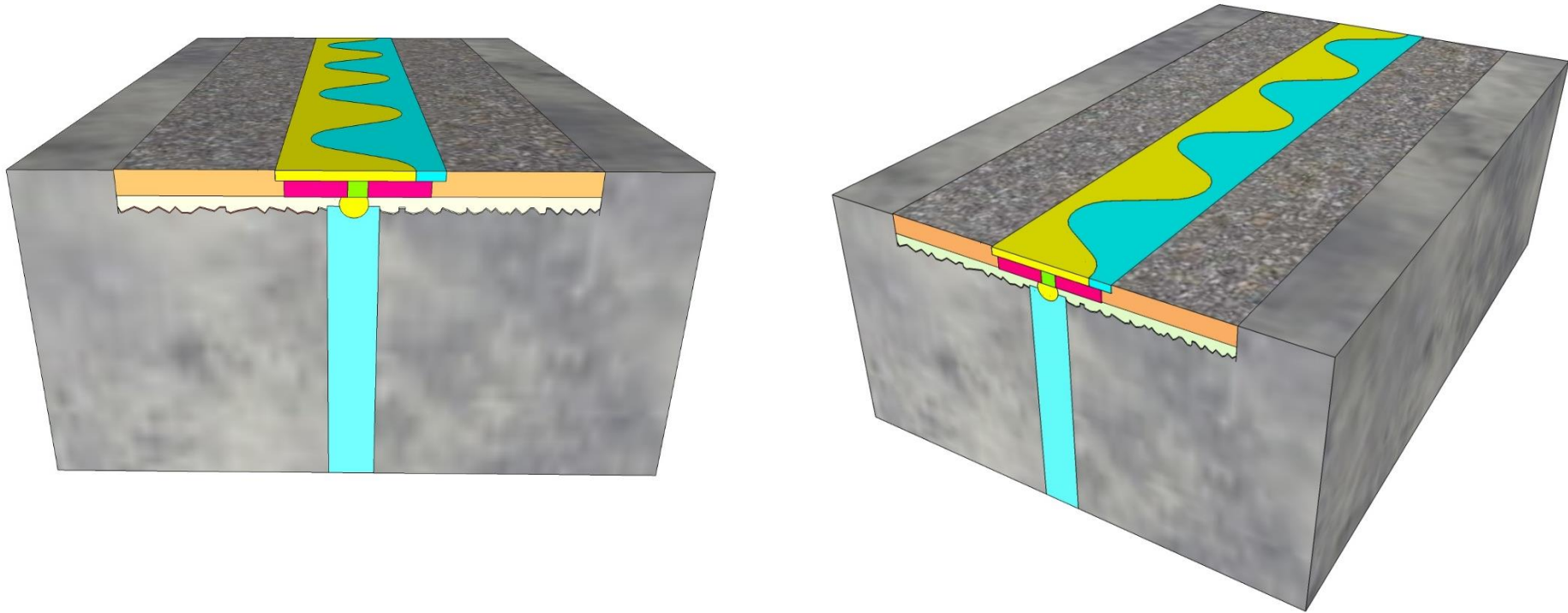
### 6. Protect the profile head

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



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### 7. Apply mortar / Step 2

Finally the profile has to be fully embedded to the mortar without any air pockets and has to be subtracted to the finished surface. Please make sure you carefully reline the transfer to the joint profile and to work with a thinner adjusted consistency. The first resilience goes by the binding time of the chosen mortar.

**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.