

## HA50 GA Waterproof Post-Installed Expansion Joint System

**Step 1:** The surface is treated with Hydroflex 21 epoxy, and the profile is installed on top. The profile must be positioned at the desired final level. It is important that no gaps are left between the bottom of the profile and the epoxy layer. The epoxy must be applied in accordance with the manufacturer's instructions.

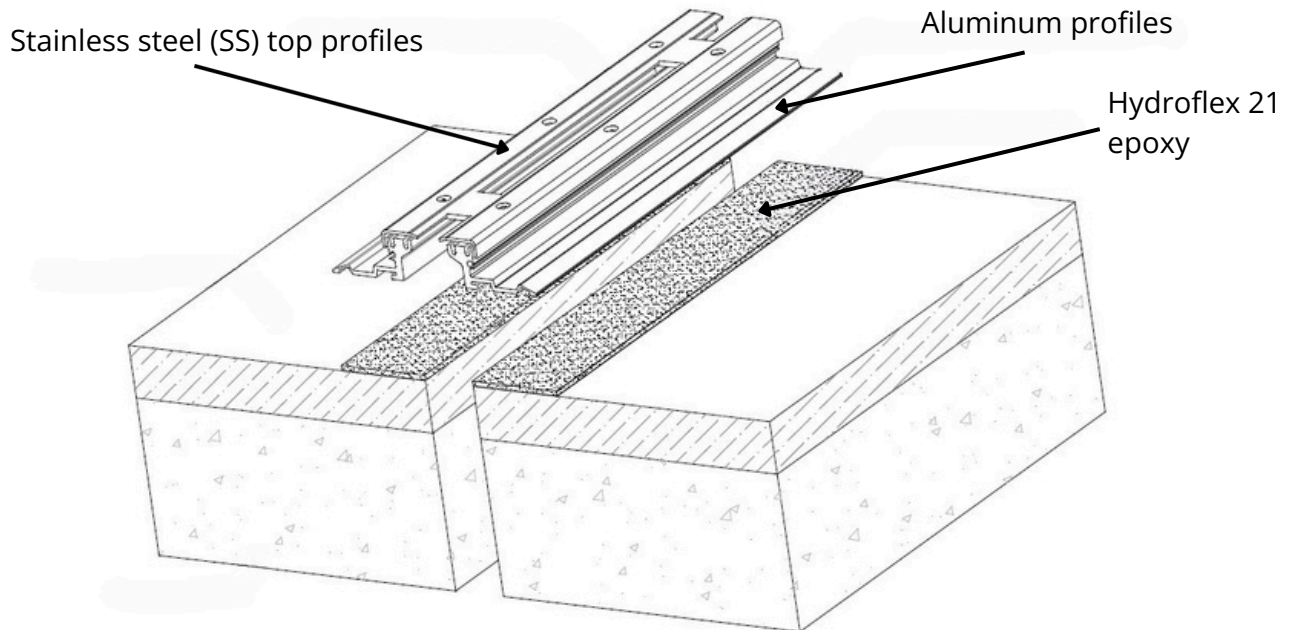


Image 1: Installing the profile into epoxy

**Step 2:** Once the Hydroflex 21 epoxy has cured, the profile is anchored to the substrate using either concrete screws or M6x90 wedge anchors. The profile has pre-drilled holes for this purpose.

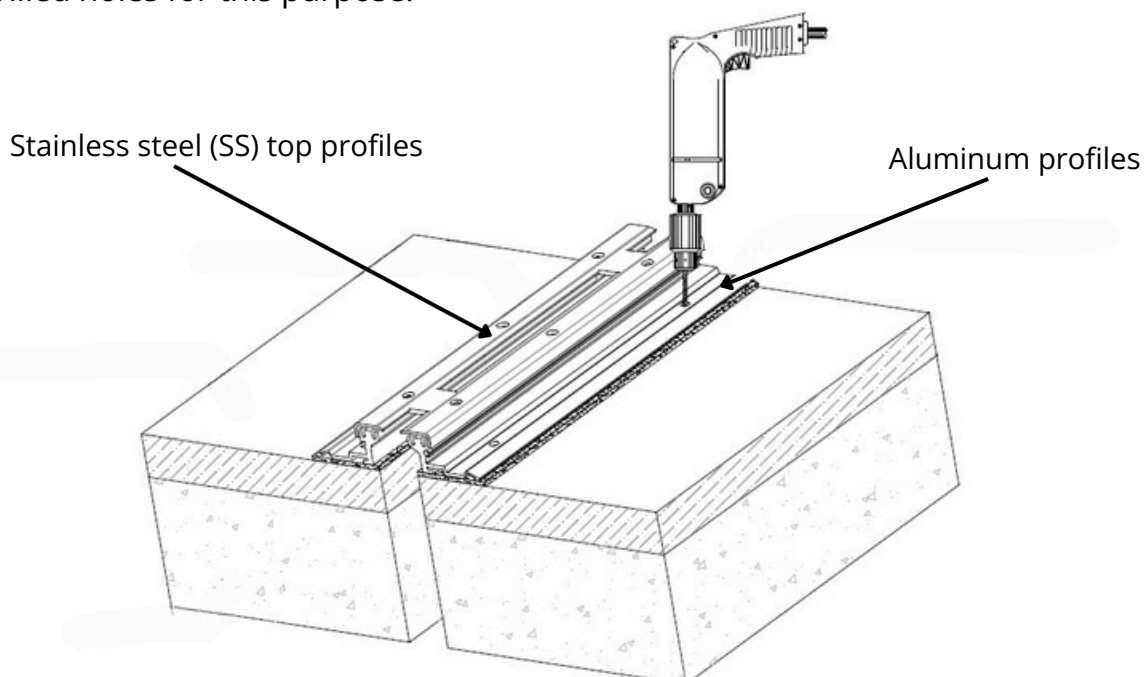


Image 2: Drilling anchor holes into the substrate

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**Step 3:** After drilling, the profile is fastened to the substrate using concrete screws or wedge anchors.

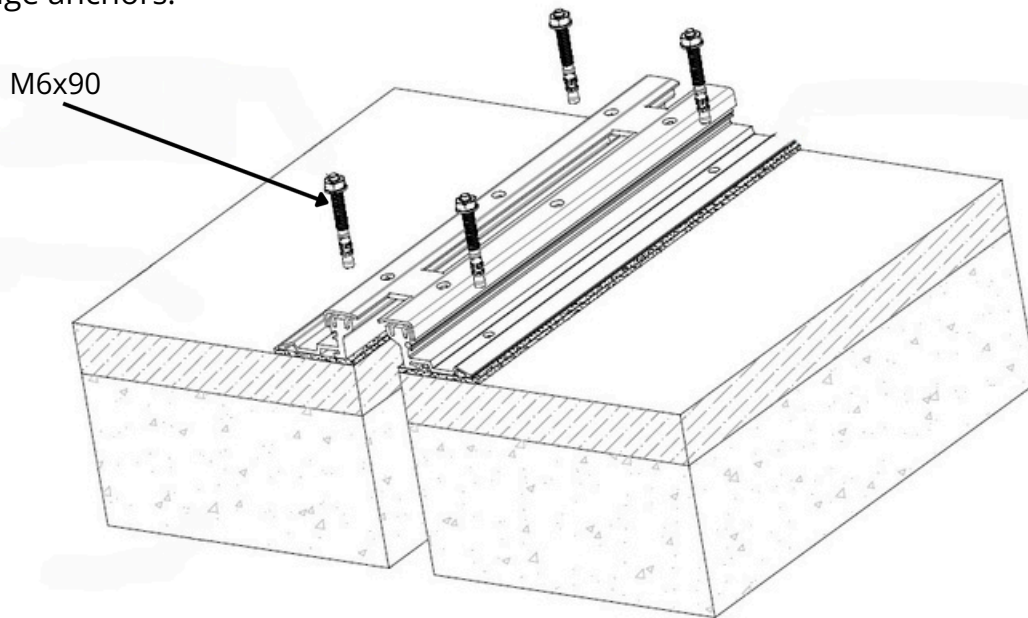


Image 3: Mechanical fastening of the profile

**Step 4:** The stainless steel (SS) top profiles and mounting clips must be removed once the profile is fixed to the substrate. KEEP THE TOP PROFILES AND SCREWS FOR REASSEMBLY.

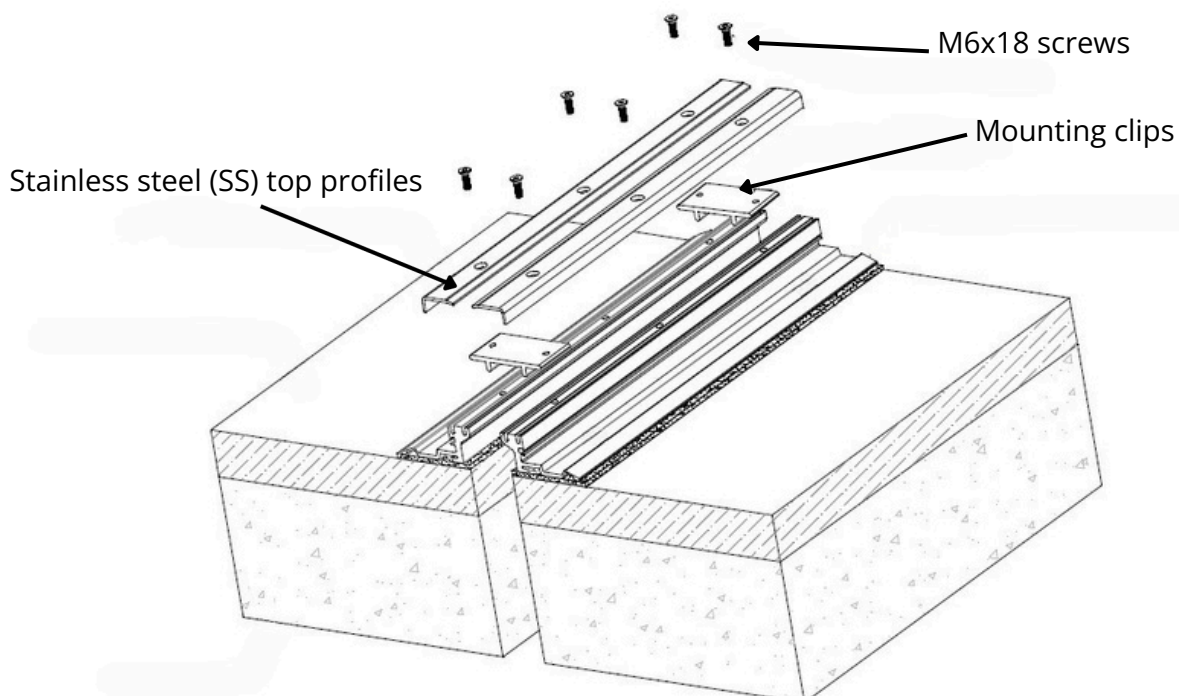


Image 4: Removal of SS top profiles and mounting clips

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**Step 5:** The side rubber gaskets are installed. The most common version uses short side rubbers; the one shown in the image uses long side rubbers. The aluminum profile has matching grooves for the side rubber. THE RUBBERS CAN BE CUT TO FIT FLOOR GROOVES IF NECESSARY.

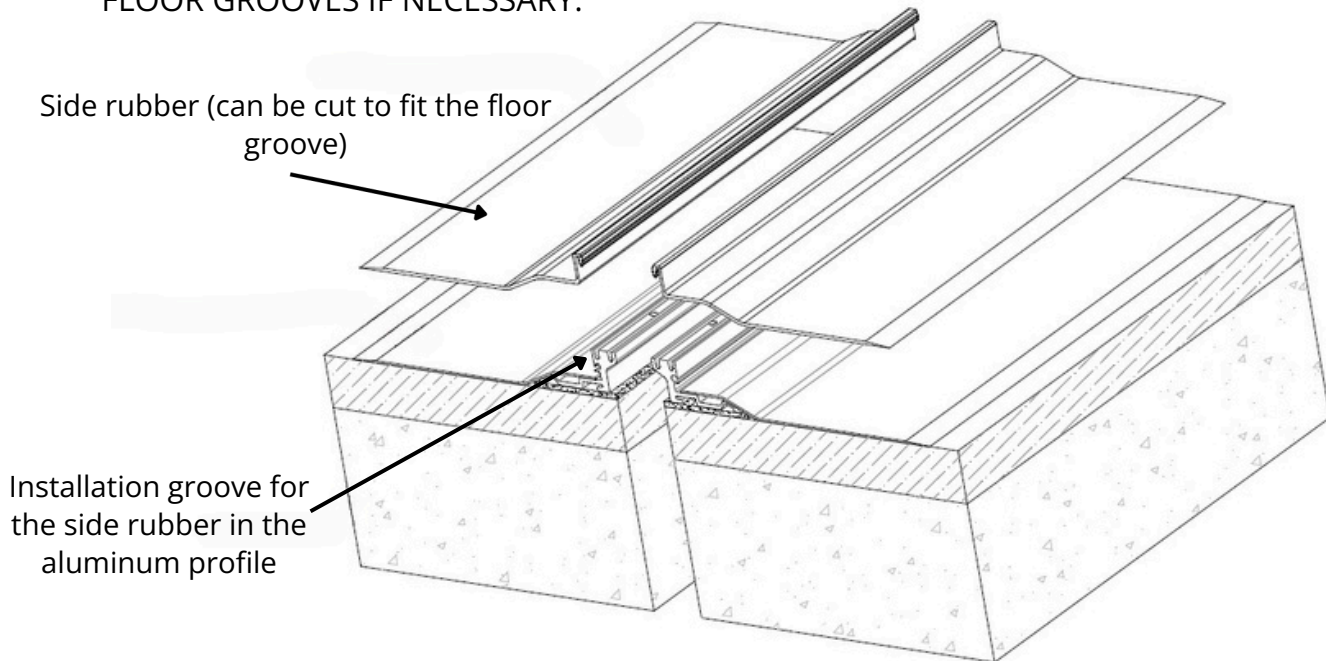


Image 5: Installing the side rubber. The image shows the long side rubber version.

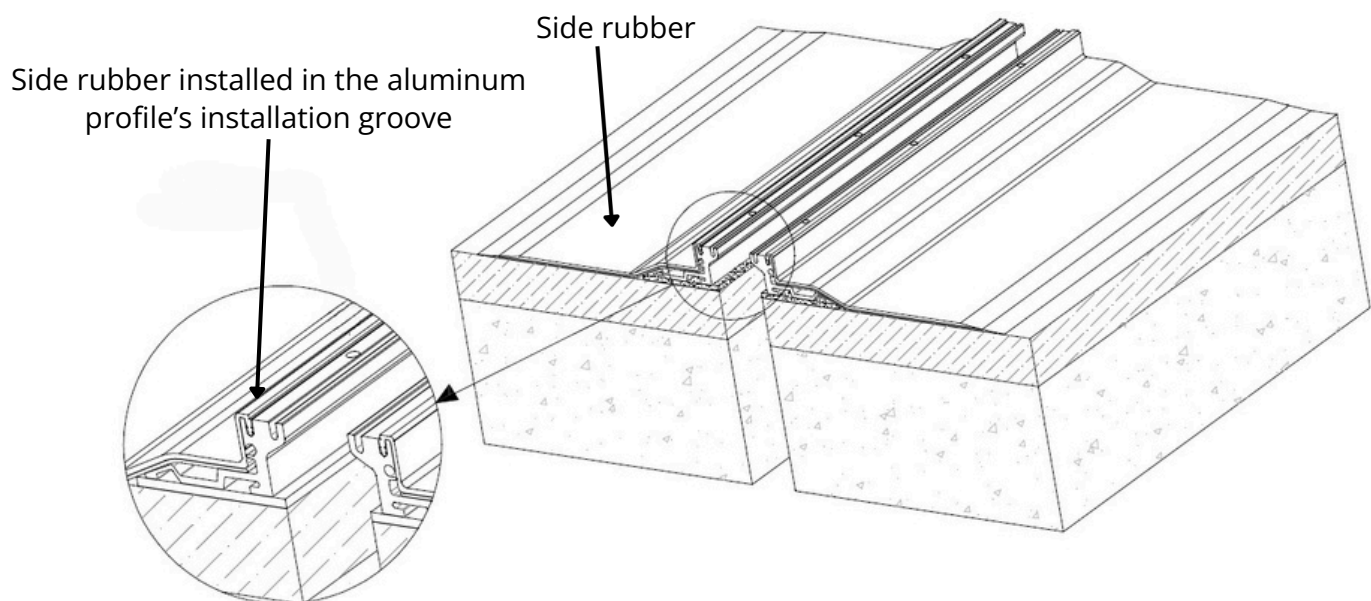


Image 6: Side rubber installed in the groove of the aluminum profile

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**Step 6:** The center rubber gasket is installed into the designated groove between the aluminum profiles.

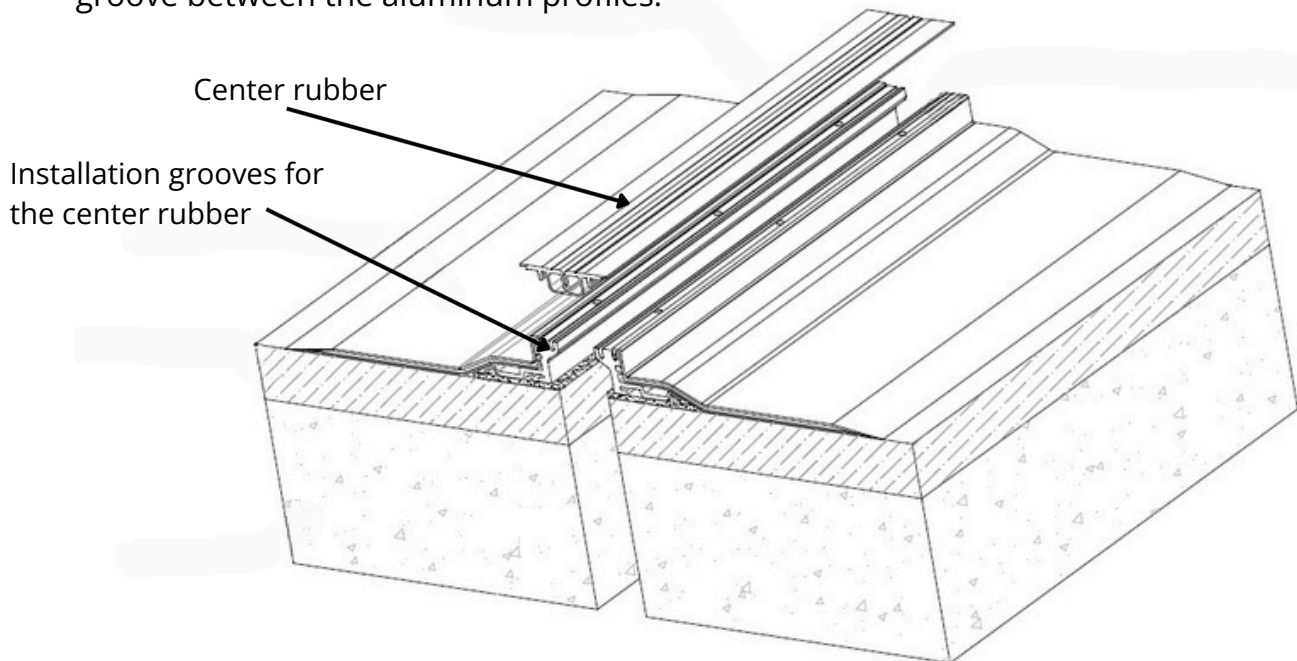


Image 7: Installing the center rubber into the aluminum profile's installation groove.

**Step 7:** The previously removed SS top profiles are reinstalled to secure the rubber gasket. Use the same screws (M6x18) that were originally used.

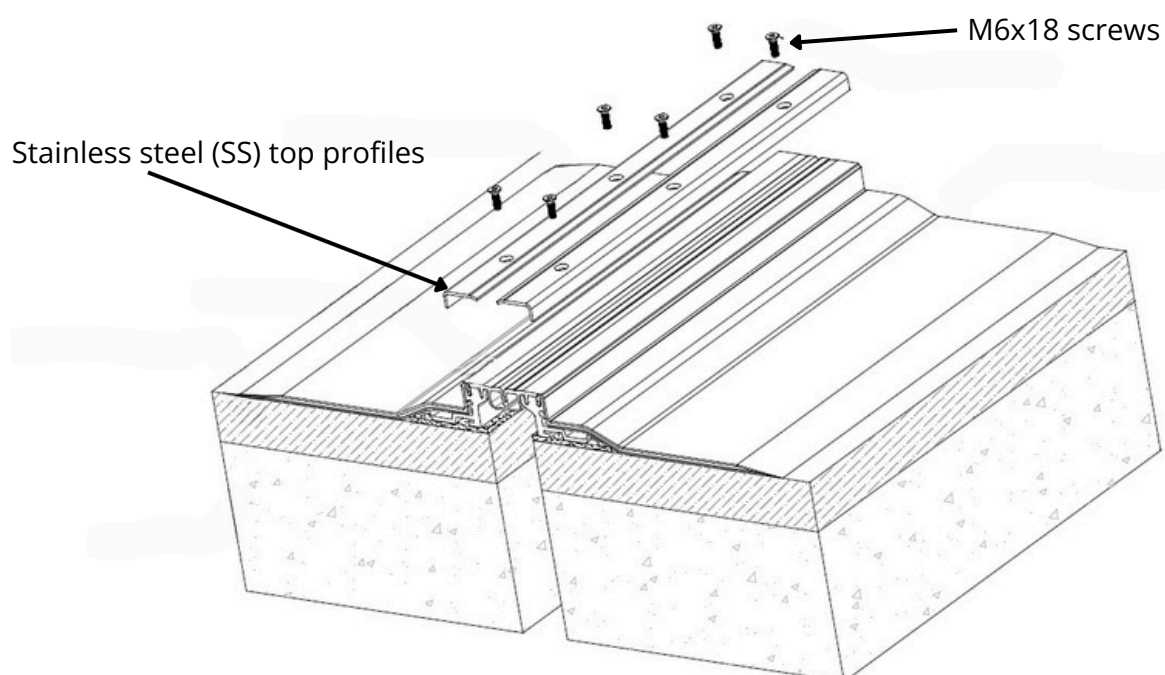


Image 8: Reinstalling the SS top plates onto the profile.

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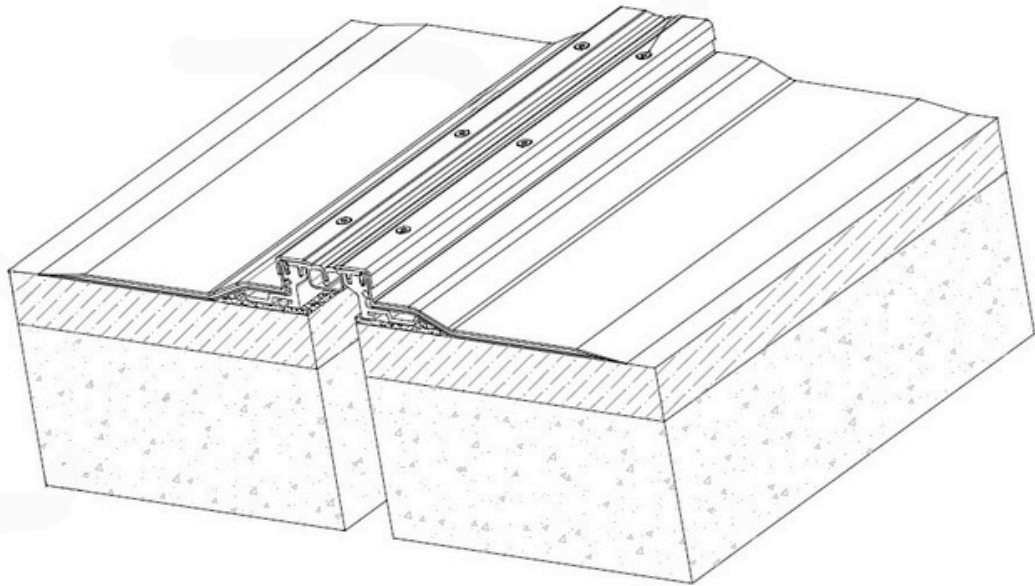


Image 9: SS top plates installed onto the profile with the rubber in place.

**Step 8:** The joint is filled with Hydroflex 21 epoxy between the floor and the top of the profile. A narrow gap is left along the edge of the profile for sealant.

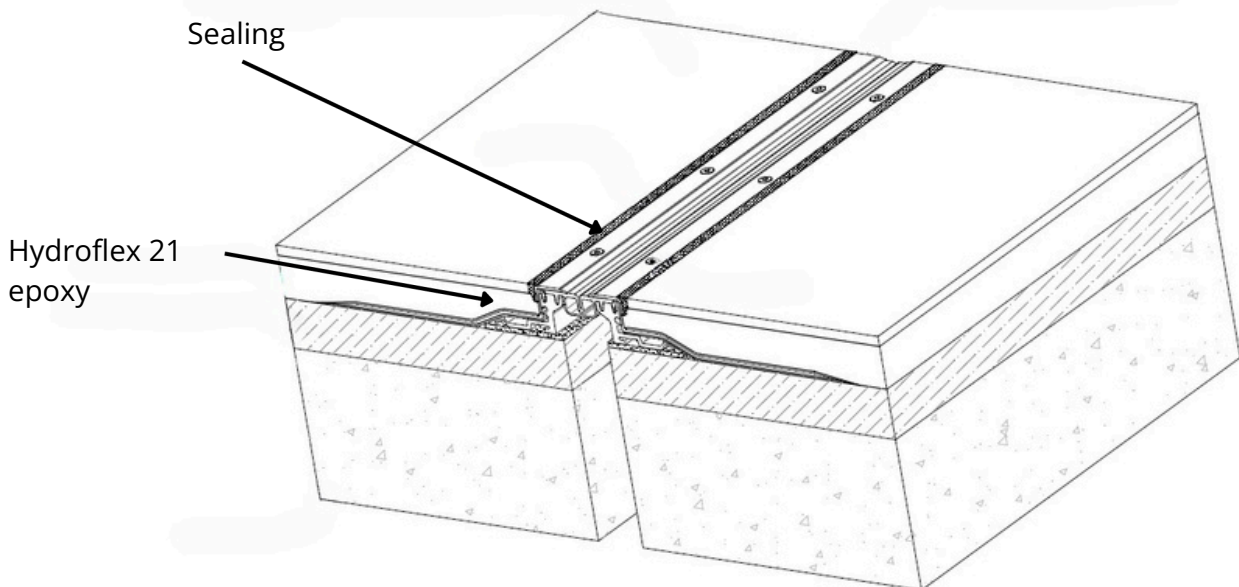


Image 10: Floor groove filled with Hydroflex 21 epoxy and a thin line of sealant next to the profile.