

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

Step 1: Apply leveling mortar (Velosit RM 205) into the groove. The amount and width of the mortar depend on the profile. The mortar is used to achieve the desired height for the profile. Prepare the substrate according to the leveling mortar instructions.

Leveling mortar Velosit RM 205

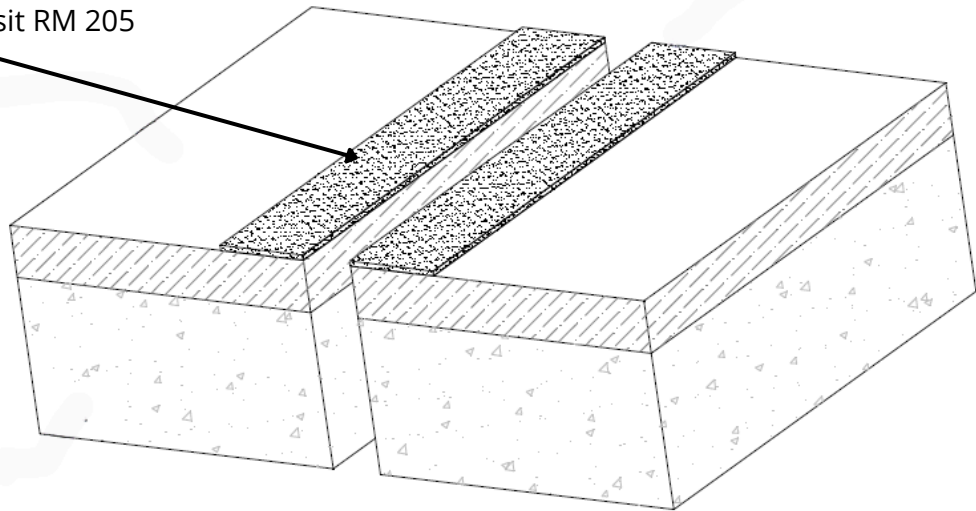


Figure 1. Installation of leveling mortar

Step 2: Install the profile into the "wet" leveling mortar. The profile should be at the desired finished level. It's important that there are no gaps between the bottom of the profile and the mortar.

Stainless steel upper profiles

Aluminum profile

Velosit RM 205

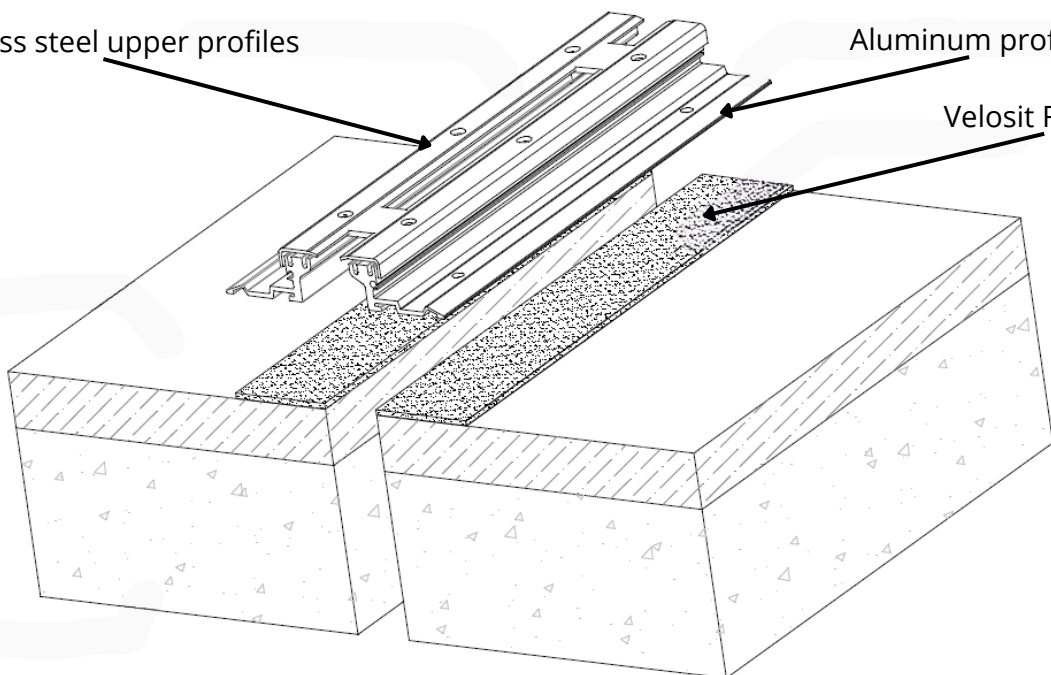


Figure 2. Profile installation

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

Step 3: After the leveling mortar has dried, the profile is attached to the substrate using either concrete screws or wedge anchors M10x90. For this, holes are drilled into the substrate at 300 - 350 mm intervals. The profile has pre-made holes.

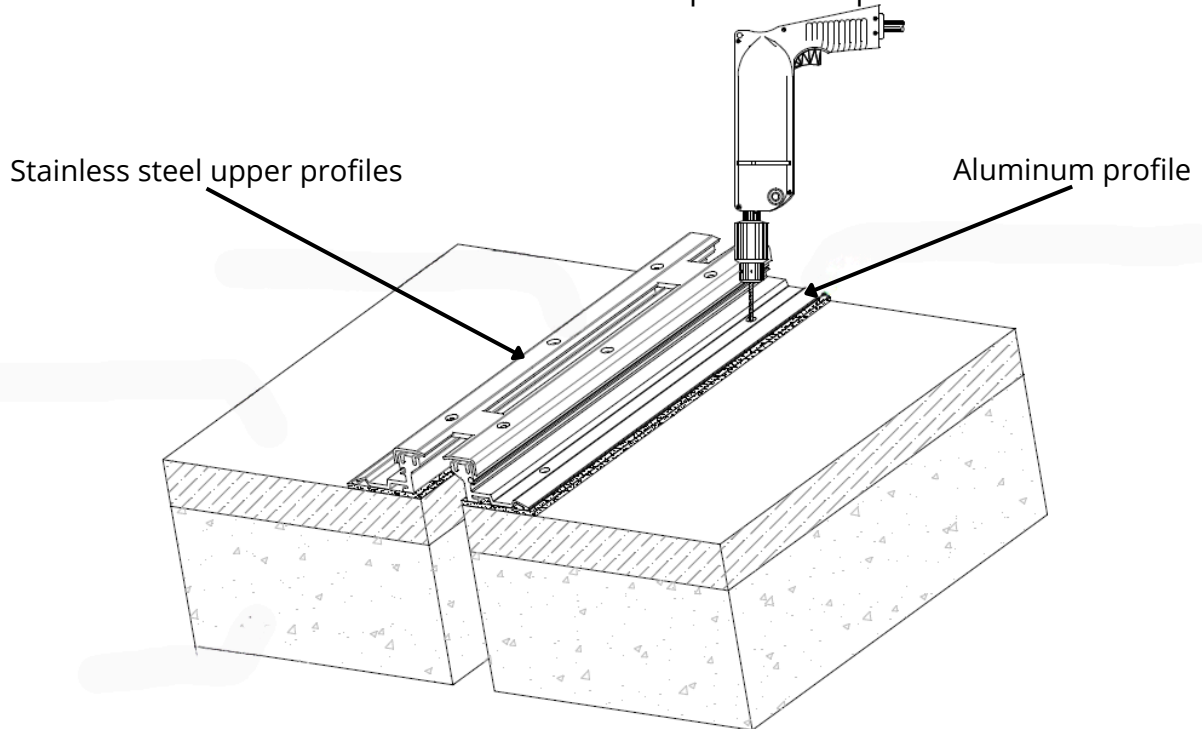


Figure 3. Drilling mounting holes into the substrate

Step 4: After drilling, the profile is fastened to the substrate with concrete screws or wedge anchors.

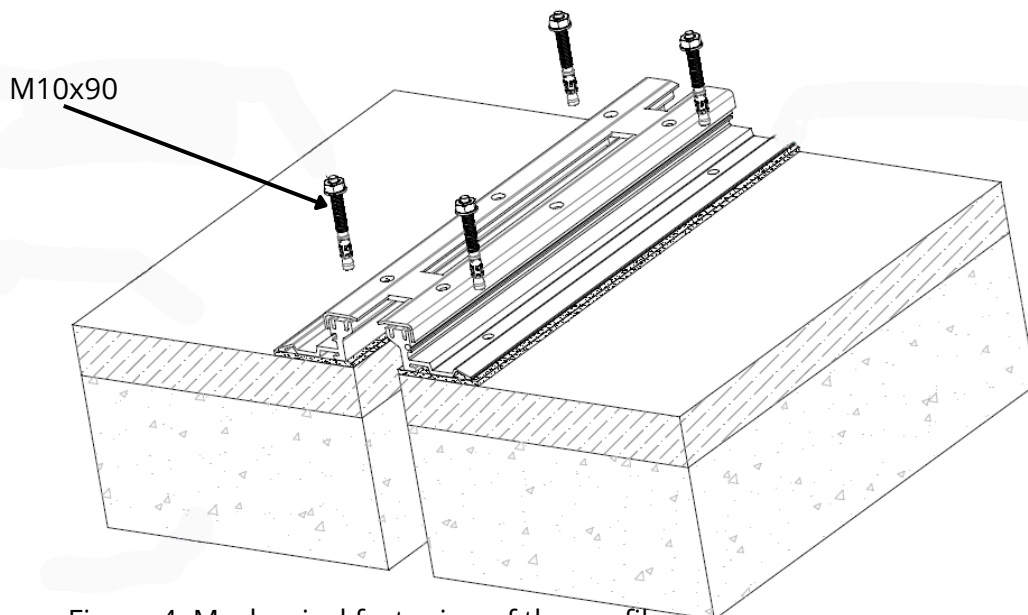


Figure 4. Mechanical fastening of the profile

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

Step 5: The stainless steel upper profiles and installation clips should be removed once the profile is mechanically fastened to the substrate. **KEEP THE UPPER PROFILES AND SCREWS.**

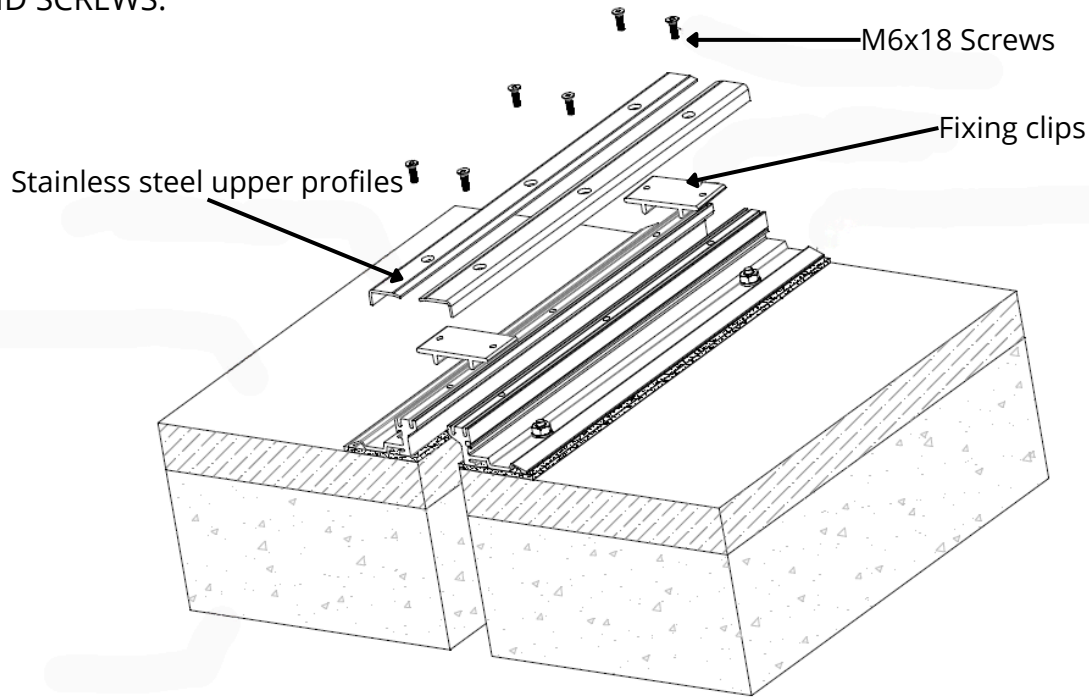


Figure 5. Removal of stainless steel upper profiles and installation clips

Step 6: Install the side rubbers in place. The most common model has short side rubbers. The model in the image has long side rubbers. The aluminum profile has compatible grooves for the side rubbers. **THE RUBBERS CAN BE CUT TO FIT THE FLOOR GROOVE.**

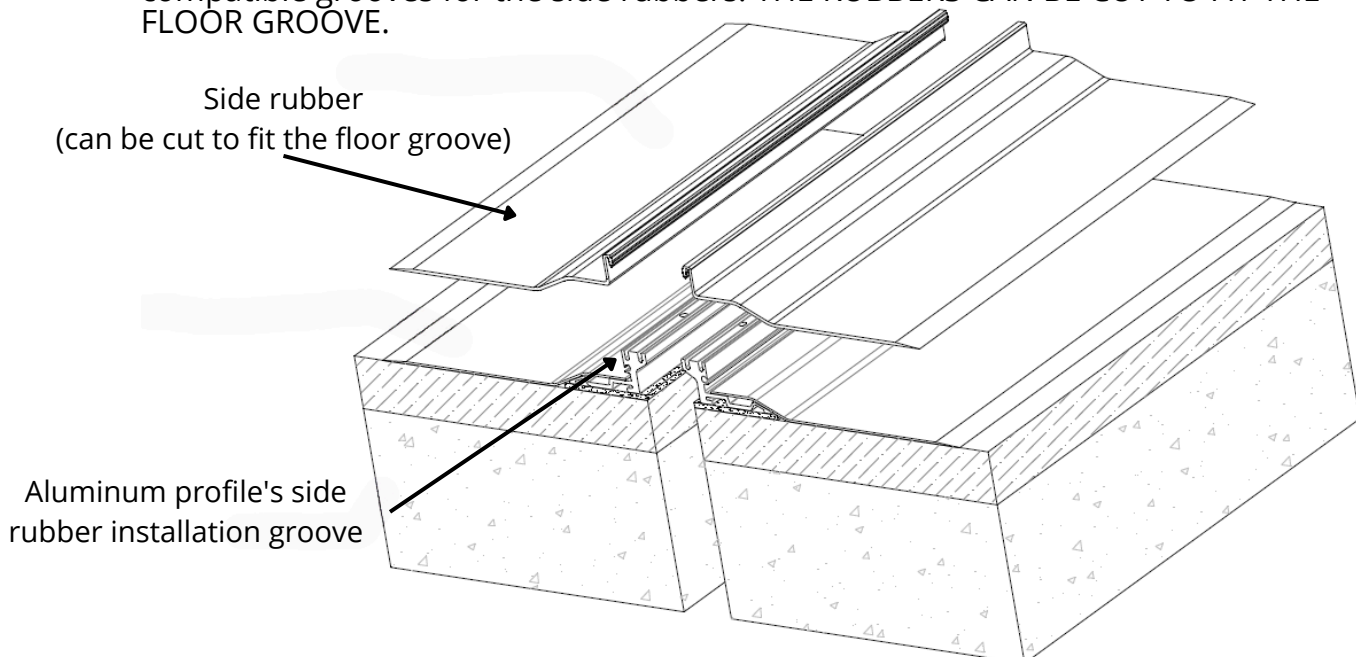


Figure 6. Installation of side rubber. Image shows long side rubber.

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

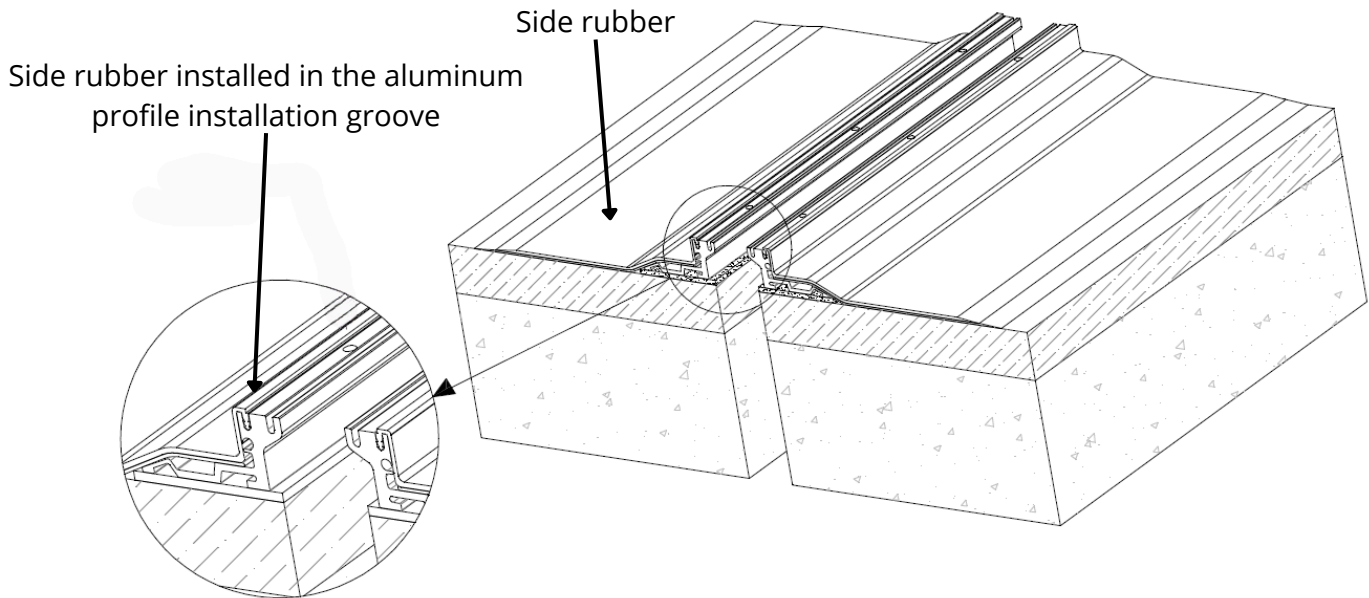


Figure 7. Side rubber installed in the aluminum profile groove.

Step 7: Install the center rubber into the installation grooves of the aluminum profiles.

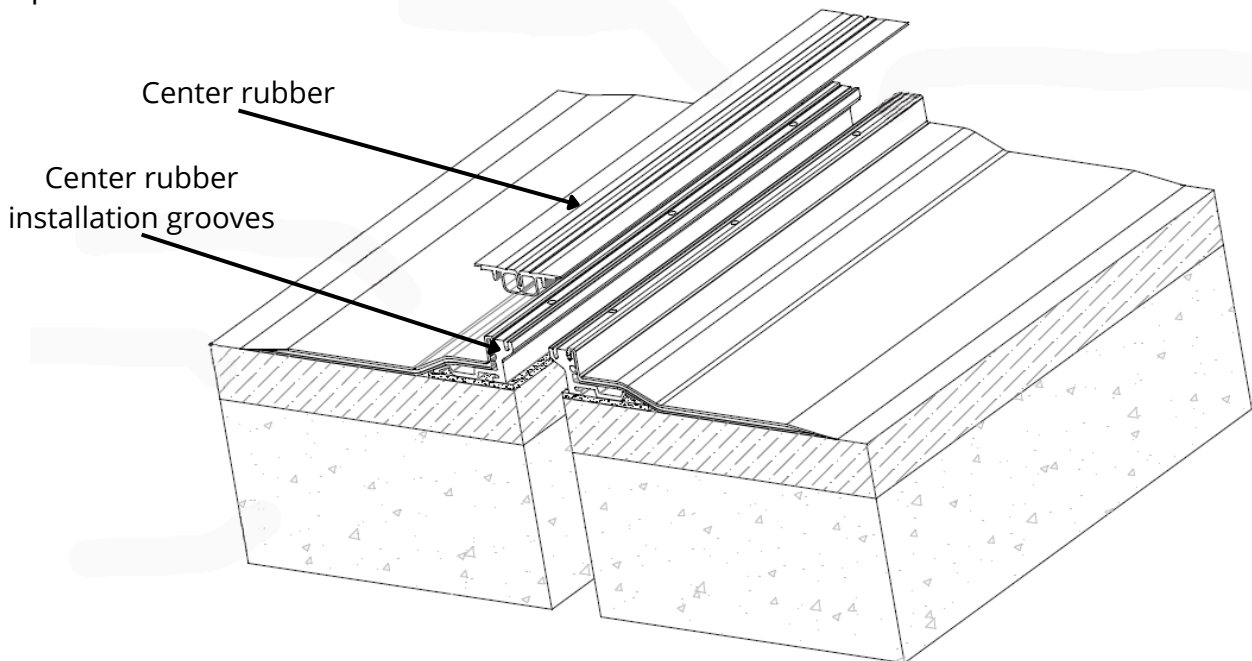


Figure 8. Installation of center rubber into the aluminum profile installation groove.

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

Step 8: Reinstall the previously removed stainless steel upper strips to secure the rubber attachment. The upper strips are fastened with the same screws as they were originally attached (M6).

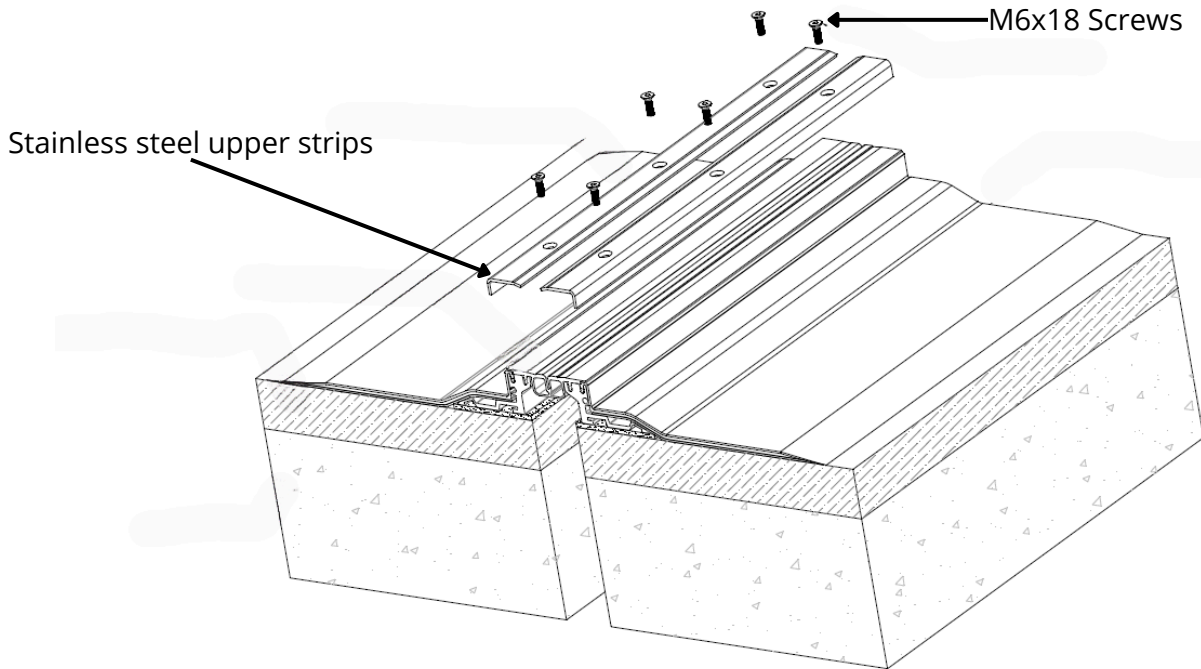


Figure 9. Reinstallation of stainless steel upper strips to the profile.

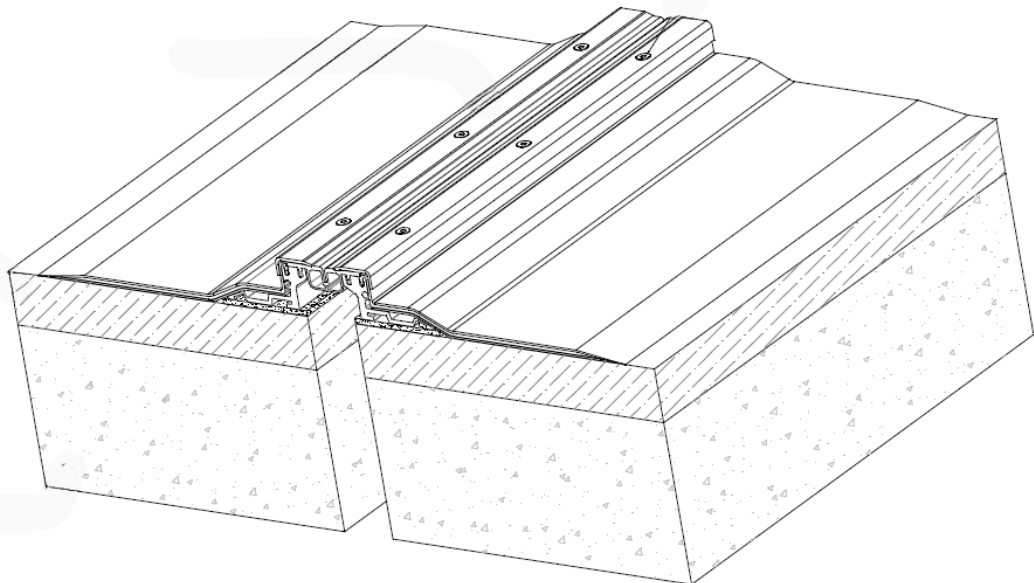


Figure 10. Stainless steel upper strips installed on the profile with the rubber.

HauCon HA50 GA Waterproof Post-Installed Expansion Joint Device

Step 9: Fill the groove with Velosit RM 205 mortar to the level of the floor and profile. Leave a thin gap at the edge of the profile for sealing.

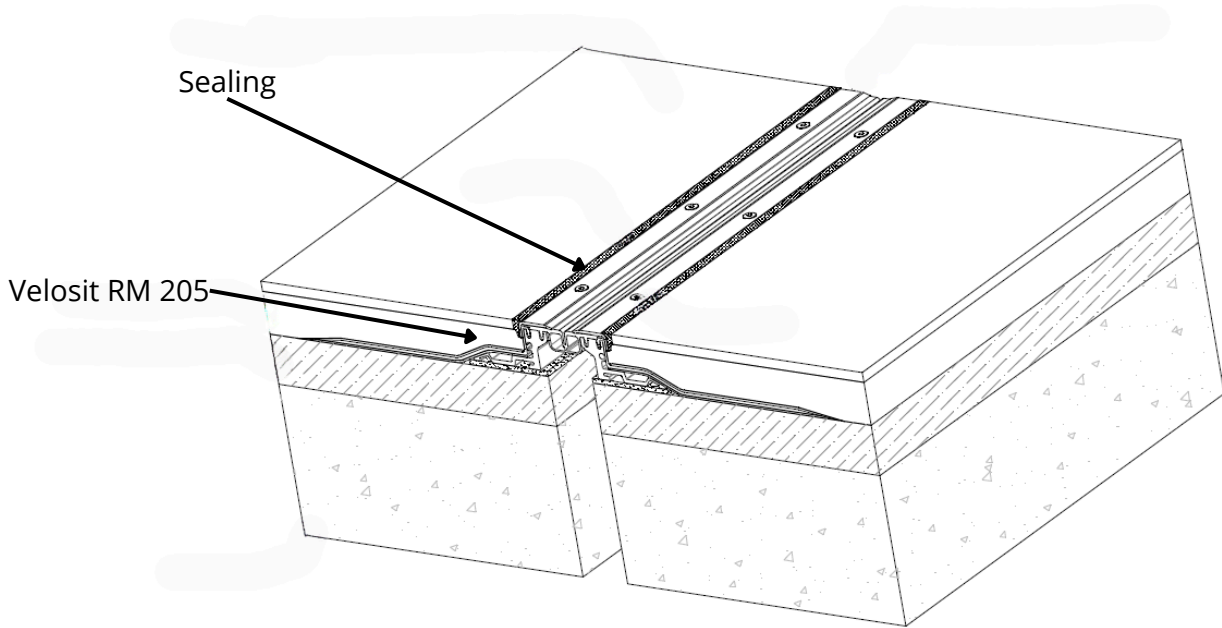


Figure 11. Floor groove filled with Velosit RM 205 mortar and thin sealing next to the profile.