



SEAL
ABLE
pioneers in profiles

REPAIR METHOD

for damaged anchored gaskets

REPAIR METHOD FOR DAMAGED ANCHORED GASKETS

NOTE

The repair procedure described here should be understood as a guideline and could vary depending on the project requirements or local conditions.

PROCEDURE

In case of damages caused by mechanical impact during transportation and storage (cuts, breaks, etc.) the sealing gasket has to be replaced at least partially. This can be done by cutting off the sealing profile at its anchoring feet as shown below, followed by replacing this removed section by conventional "brush-on" contact gluing procedure.



Installation situation of anchored profile



Groove section after removal of damaged profile



Repair profile to be inserted and glued in

The repair should be carried out exclusively in the right joint (Minimum distance from the corner 400 mm). Corners can't be repaired. We recommend for best results the using of adhesive G 3000 plus or FP 75. If necessary, there will be restrictions of use properties.

These are to consider in the case of application.

- ✓ Locate and mark the damaged section
- ✓ Cut through the profile down to the groove bottom (90° cut using a serrated knife or a cutter knife)
- ✓ Cut off the anchored feet longitudinal by carefully lifting up the profile. Avoid tearing the feet off from the concrete segment
- ✓ Remove the damaged profile section
- ✓ Prepare the spare profile (original profile shape or corresponding conventional "repair" profile shape) by cutting the ends in a proper 90° angle and with 2 % oversize compared to the removed section.
- ✓ In case of using original profile shape cut off the anchored feet properly and grind the profile bottom to get a smooth and even surface
- ✓ Clean concrete segment groove and bottom of profile (contact surfaces) using Cleaner G 3000
- ✓ Damaged feet are filled with adhesive
- ✓ Apply Adhesive both-sided (on concrete segment groove and on profile's side flanks and bottom)
- ✓ Also apply adhesive between the end to end joints and - as far as possible - also underneath the bottom of the anchored profile left and right to the spare profile section
- ✓ Profile length insert and fix (minimum 24 hours)

REQUIRED MATERIALS

FP 75



Cleaner for G 3000 plus



Adhesive G 3000 plus



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1 | REMOVE DEFECTIVE GASKET SEGMENT

Cut out the damaged gasket area in a 90° angle by means of a sharp knife. Cut off the anchored feet longitudinal by carefully lifting up the profile. Avoid tearing the feet off from the concrete segment. Remove the feets. Clean the cut area of loose adhesive.



2 | CORRESPONDING SECTION



A corresponding section of that profile in perfect condition has to be cut to length. In order to achieve a good fit, the new profile piece has to be cutting the ends in a proper 90° angle and with approximately 2 % longer.

3 | REMOVAL THE FEET



Remove the feet at the replacement profile and smoothing the bottom of the profile.



4 | CLEANING THE GROOVE

Clean concrete segment groove and bottom of profile (contact surfaces) with the SEALABE Cleaner G 3000.



5 | COVER WITH ADHESIVE

Lift the end of each side of the area where the new gasket piece should be inserted approx. 10 to 15 cm in order to apply the adhesive (G 3000 plus or FP 75) to this complete area. Fill the foot crevices with them in the segment groove. In addition, the adhesive (G 3000 plus or FP 75) must be applied in the groove of the damaged area and also on the side flanks and bottom of the profile.



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6 | FIT AND FIX THE NEW PROFILE PIECE

Insert the new profile piece into the cut section. Apply pressure to the inserted profile piece and the lifted profile area with a rubber mallet.



8 | CONTROL



Check the gasket repaired for stiffness and then it can be used.

7 | PRESSING

Pressing of the replacement profile after glueing for minimum 24 hours.





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