SEAL ABLE

pioneers in profiles

ASSEMBLY INSTRUCTION

for anchored tunnel gaskets

ASSEMBLY INSTRUCTION FOR ANCHORED TUNNEL GASKETS

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NOTE

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

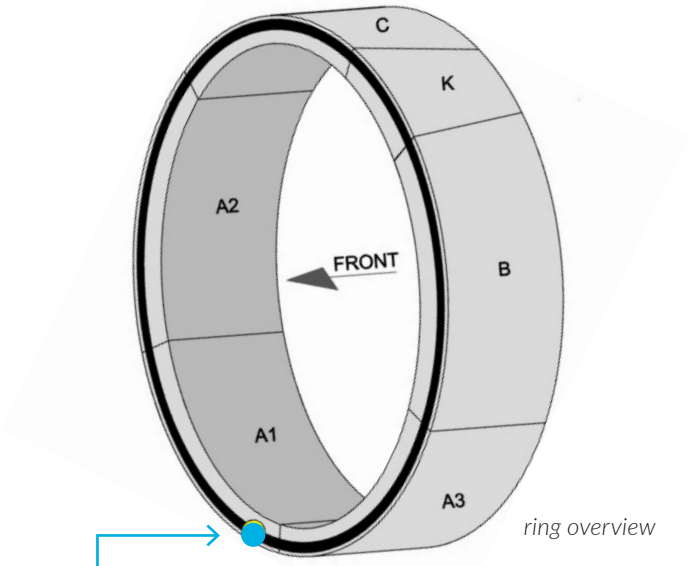
PREPARATION

The moulds - especially the admission grooves, as well as the gasket frames - must be dry and free from dust. The formwork oil has to be applied (sprayed-on) while the moulds are in open modus. You should wait a few minutes before closing the side parts so that excessive formwork oil can sufficiently drain off.

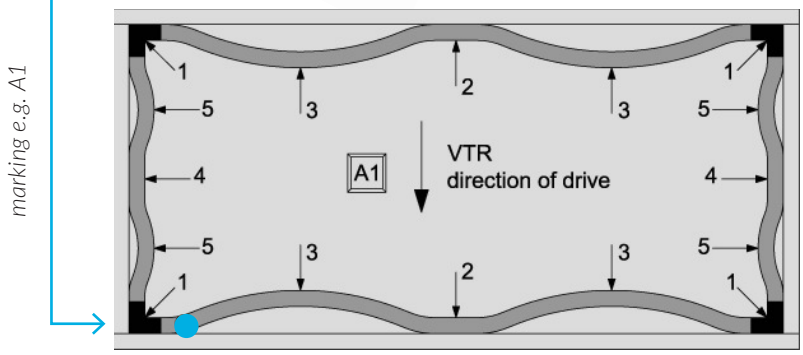
PROCEDURE

The required gasket frame type (here, e.g., A1) must be spread and positioned on the bottom of the segment mould according to the positions shown in our ring overview drawing. Take care of the marking positions and place the gasket accordingly.

Check out our video tutorial on Youtube:
https://qr1.at/assembly-instruction



ring overview



mould plan view

ASSEMBLY INSTRUCTION FOR ANCHORED TUNNEL GASKETS

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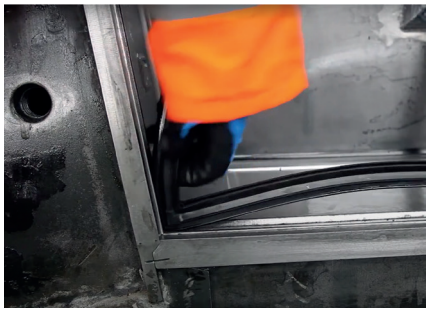
1 | FIT INTO CORNERS

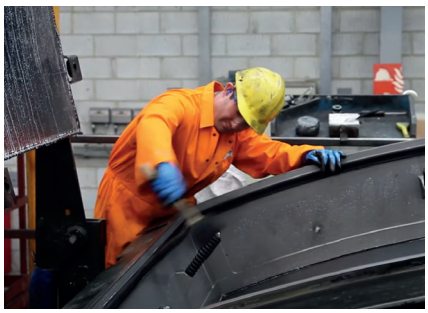
The anchored gasket frames are always designed with an excessive length of +0.5%. Start inserting the gaskets into the groove, beginning with the 4 corners first.



2 | CIRCUMFERENTIAL JOINT SIDES

After the corners continue with the long sides (circumferential joint sides) beginning from the middle. Take care that you equably distribute the gasket material along the groove and check that all sections are properly clipped in.

3 | LONGITUDAL JOINT SIDES



Then continue with the remaining small sides (longitudal joint sides), also starting from the middle and going towards the corners. Again take care that you equably distribute the material along the groove and check again that all sections are sufficiently clipped in.

4 | EXTREMLY LARGE GASKETS

For extremely large gaskets with very long circumferential joint sides you should inserting the gasket lengths by braking down to smaller sections and work steps. Same way of procedure shall be used for the longitudal sides.

5 | CONTROL

After complete installation into the segment mould a final visual check of the exact positioning and proper fit shall be made.

Check:

- ✓ all profile corners are precisely positioned
- ✓ anchored feet always point upwards
- ✓ sealing lips are positioned tightly alongside the steel counter surface

5 | FINAL CHECK

After concreting & deforming of the tunnel segment the flawless fit of the gasket has to be checked. In case that concrete slam has penetrated to the gaskets sides and surface it should be removed.

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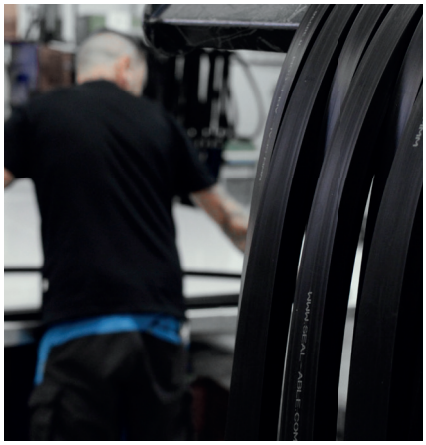

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