

Below you will find instructions on how to seal our tiled pool windows, followed by some pictures.

Waterproofing:

1. Grind concrete in the area where waterproofing is to be done. (Especially to remove residues of formwork oil and other coatings).
2. Mask off the silicone. (To prevent Aquafin from getting on the silicone).
3. When the window has been installed, the stainless steel must be sanded using an angle grinder with a K60 flap disc or K60 abrasive paper for metal.
4. Remove any protruding plastic from the Fischer dowels.
5. When all grinding work has been completed, the concrete should be freed from dust etc. and the stainless steel frame should be degreased; acetone is best suited for this.

Acetone should be allowed to flash off for at least 10 minutes before applying the first coat of Aquafin RS 300.

6. After cleaning, wear gloves to prevent the formation of greasy films.
7. The first layer of Aquafin is applied very thinly, a good indicator is the stainless steel that can still be easily seen through the first layer.

To apply the Aquafin, use a radiator brush and a tassel (ceiling brush) to get into every recess.

8. The second layer can be applied a little thicker. (approx. 2 mm) so that the stainless steel is no longer visible. (see picture 1+2 layer)
9. When the second layer is dry, you can do a tear-off test on the stainless steel.

To do this, cut the seal slightly at the edge of the stainless steel and try to pull the seal off the stainless steel. If only small pieces come off, the adhesion to the stainless steel is good. If a large part can be pulled off, the adhesion to the stainless steel is not good enough.

10. The third layer is applied a little thicker in the area of the sealing tape. (Approx. 3 mm) (sealing tape is 50% on steel and 50% on concrete) Press the sealing tape into this layer and smooth it with a brush or roller so that it lies well and does not have any large cavities/bubbles. **IMPORTANT:** The sealing tape is pressed onto the third layer while it is still wet.

11. Finally, apply a fourth and fifth layer over the entire surface of the waterproofing in the same thickness as layer two. After the fifth layer, you should only be able to see the contours of the sealing tape (See picture finished 2).

Important notes:

- Sanding and cleaning is by far the most important work and should be done on the same day as the window is sealed.
- Never apply too thick a layer. Follow the instructions on the bucket. (different languages)
- Allow layers to dry out before applying the next layer. This can be easily recognised by the differences in colour. (With the exception of the layer for the sealing tape)
- Do not mix too much Aquafin for the first coat! It is better to mix several times than to risk the material drying out while working.
- Make full use of the stainless steel surface. However, make sure that no Aquafin gets on the silicone. Aquafin on the silicone can be easily wiped off with a damp cloth while it is fresh.
- Use acetone to clean the stainless steel.





Sealing tape on first and second layer



Finished pic 1

