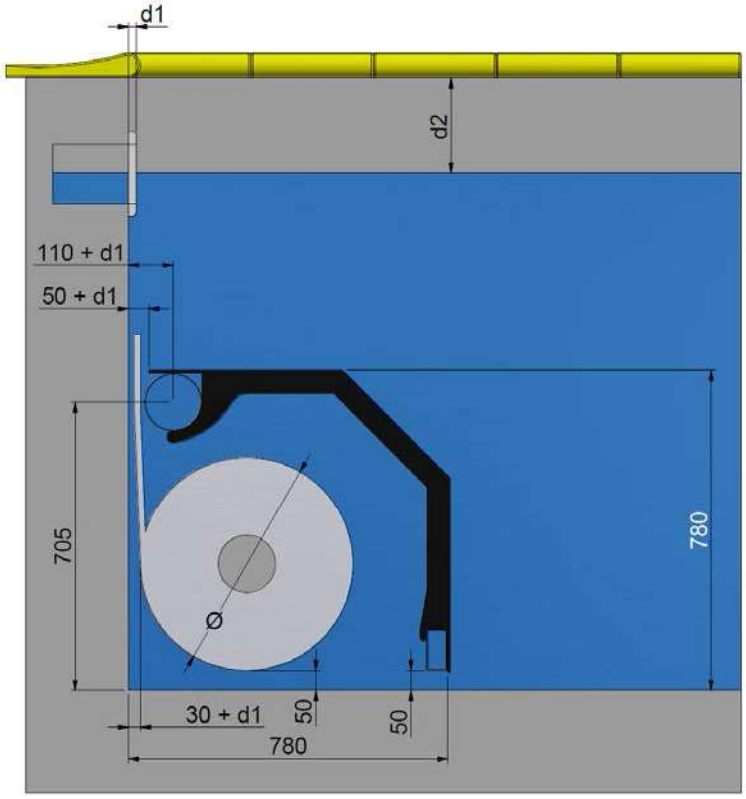
O4 - Finishing: Underwater mount – On pool floor: Underwater bench

General

- An '*underwater bench*' provides a separation between the swimming area and the cover. At the same time it can be used for sitting on.
- To comply with the European standard EN_16582-1/2/3, you need to cover the rollo cover pit.
- A bench is necessary to comply with the European standard EN_16582-1/2/3!
- Standard width of the bench is B2 – 14mm. The bench should be mounted symmetrically to limit the gap between the bench and the side walls of the pool. Width of the gap/side ≤ 8mm.
- The bench should not be used as an entry tot he pool. If you decide to use the bench as an entry to the pool, you need to comply with the European standard EN_16582-1

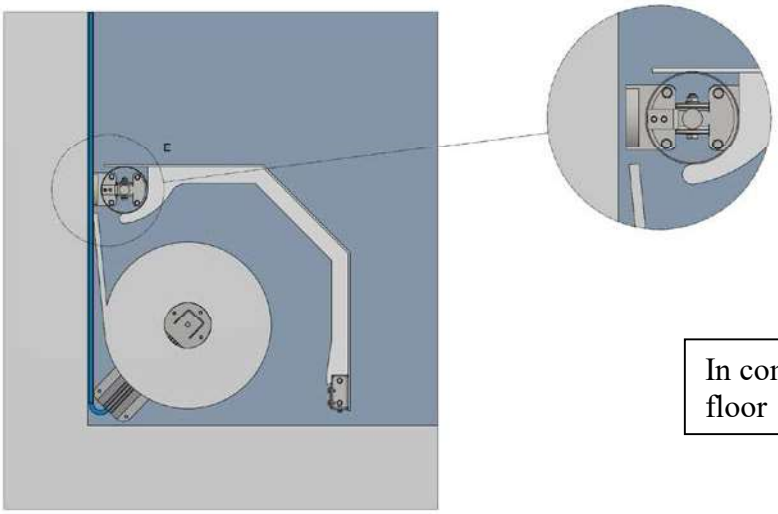
Description Underwater bench Polyster

- Colour: White (*Standard*) – Available in other RAL-colour for a supplement.
- Tileable (on demand) → RAL 9999
- Wall thickness of the bench: ±8mm, with extra consolidation ribs.
- Dimensions: Pool width < 7m = standard
- Max. diameter cover = 610mm
- This fiberglass underwater bench is being carried by an SS beam and a tube, which are being anchored in the pool wall. This happens always after finishing the inside of the pool.
- Dimension d1= rounded skimmer max 10mm

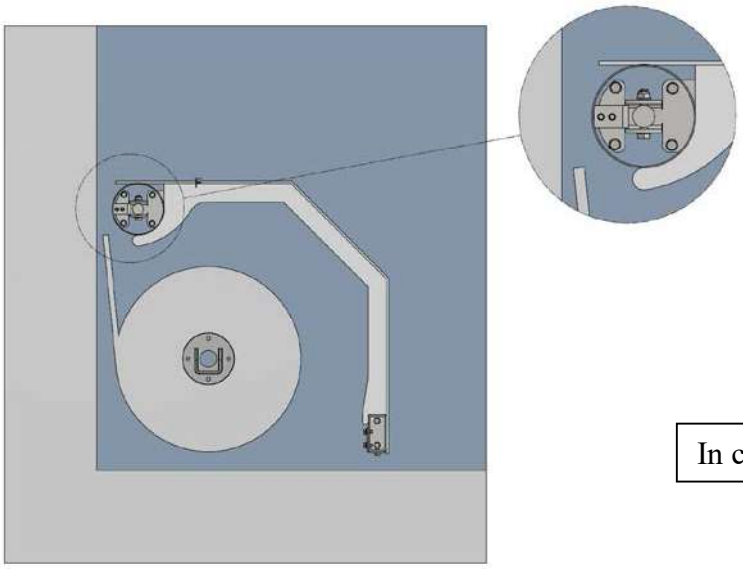


Installation:

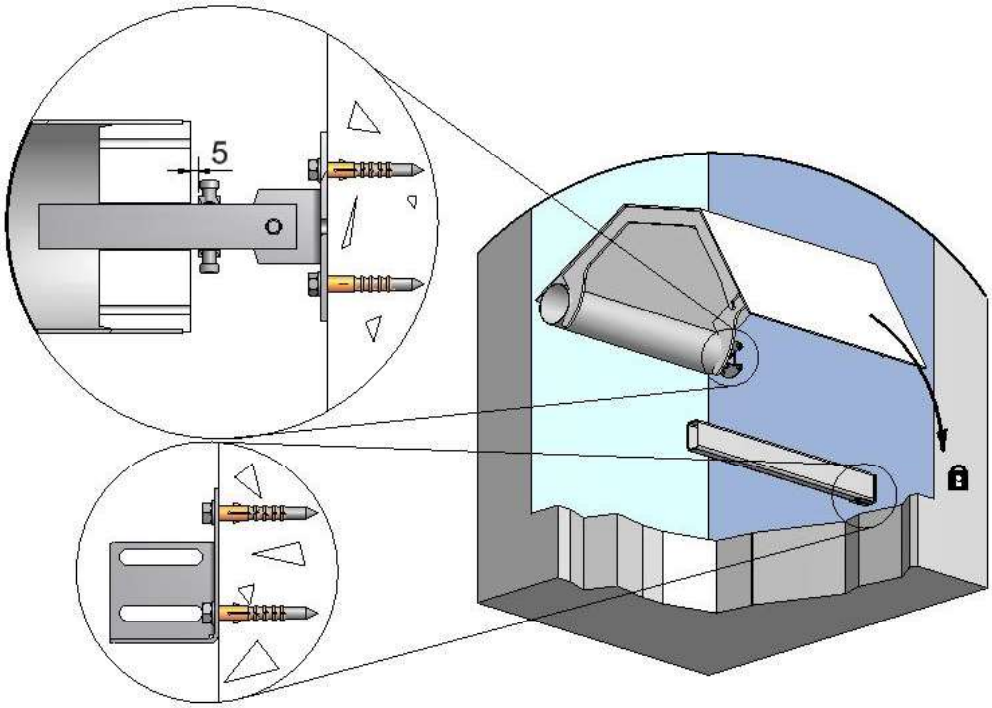
- Mount the anchoring positions on the pool wall, aligned and at the right place (*see drawing*). Use enough silicon in the fixing holes to seal them and to avoid leaking of water. Do not forget to place the delivered PUR seals.
- Fix the rectangular SS beam on the anchoring positions. Slots are provided for this.
- Fix the round SS tube on the anchoring positions.
- Hang the collar of the consolidation ribs of the underwater bench over the SS tube so that the bench can hinge around it.
- Let the bench come down slowly until also the lower collar of the consolidation ribs is resting on the SS beam.
- The bench should be mounted symmetrically to limit the gap between the bench and the side walls of the pool. Width of the gap/side ≤ 8mm. If the bench consists of different parts, the gap between the different parts should never be bigger than 8mm.
- In case no bench is installed: the separate guiding plate should be installed.



In combination with panel on floor (AT-002072)



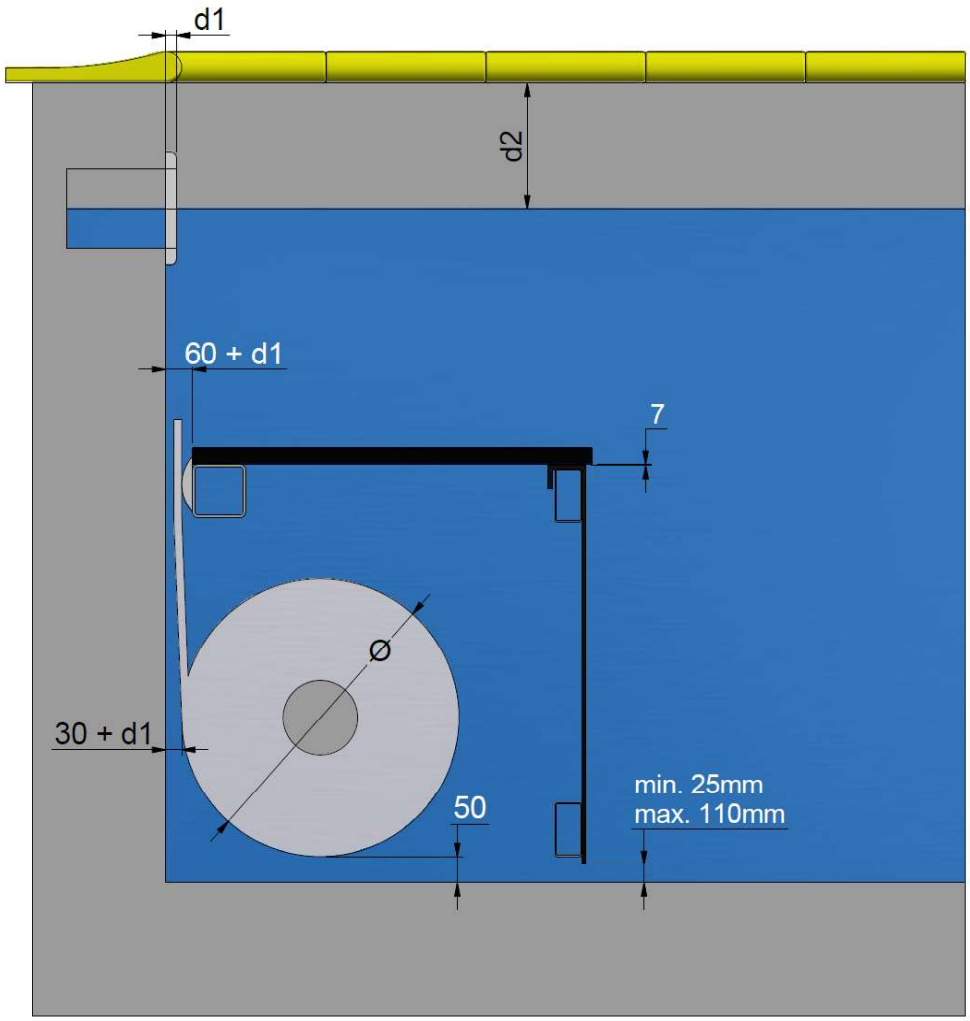
In combination with wall duct



Remark:
In case the pool has rounded edges, the bench cannot be installed.
In case the pool has a pre-fabricated/pre-welded liner, utmost care should be used, probably the bench cannot be installed in this pool !!!

Description Underwater bench Size custom made

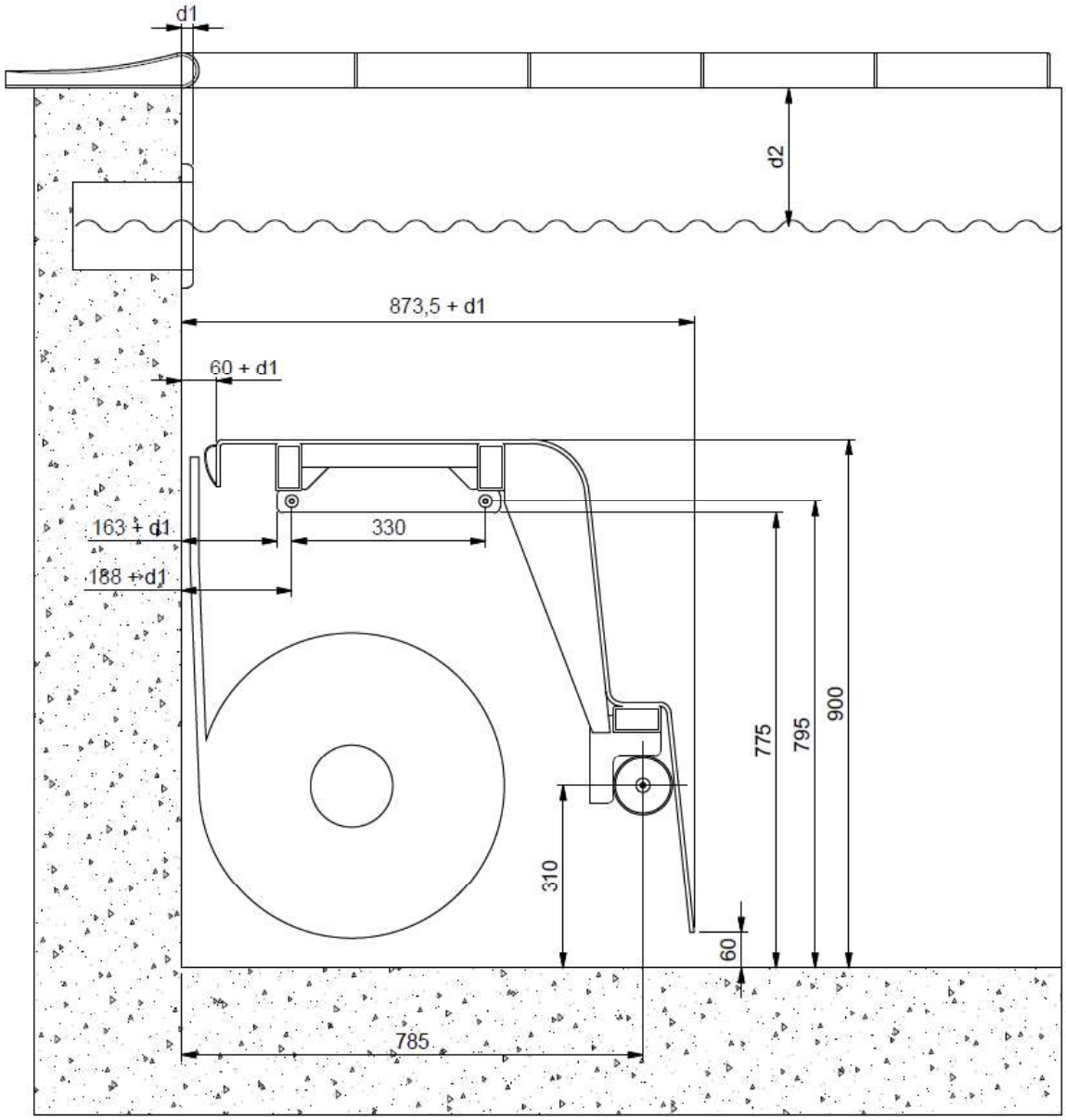
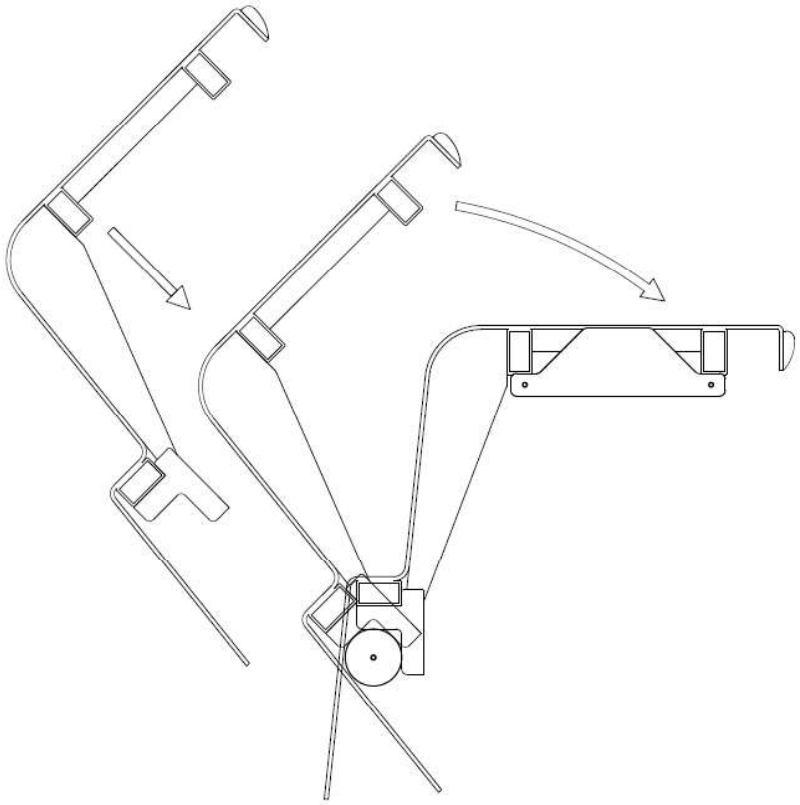
- Bench constructed by a separation wall and PVC plates mounted on 2 beams of 100x100mm.
- Colour: White (*Standard*) – Available in other RAL-colour for a supplement.
- PCV plates to be tiled or finished with liner
- Max width pool: 10m
- Dimension d1= rounded skimmer max 10mm
- Install the separation wall as written in the instructions O3-2
- Install the beams as written in the instructions of O5-2



Description Underwater bench Vinylester

Installation:

- Color white or grey
- Install the fixationpoints on the wall following drawing below. Use enough silicone to make the holes watertight.
- Dimension d1= rounded skimmer max 10mm
- Hold the bench in an angel of 45 degrees above the round tube
- Turn the bench into the right position.


d1
d2
873,5 + d1
60 + d1
163 + d1
330
188 + d1
775
795
900
310
60
785