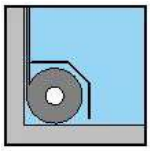
A4 - Constructional preparations: Underwater mount – On pool floor



General:

- Level control is necessary to install and use an automatic slatted cover. Provide an overflow and a refilling system to guarantee the correct level in case of a skimmer pool.
- Do not place any obstacles in the back or side walls which can interfere with the slats. For example: skimmer covers, ladders, etc…
- Roman ends, rectangular ends and other particular shapes cannot always be rolled up completely.
- 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
- Not compatible with prefab liner because of the radius in the corners.
- In case of skimmer: Thickness max 10mm rounded (d1)
- In case of overhanging coping stone: min. 30mm between copingstone and waterlevel (d2)

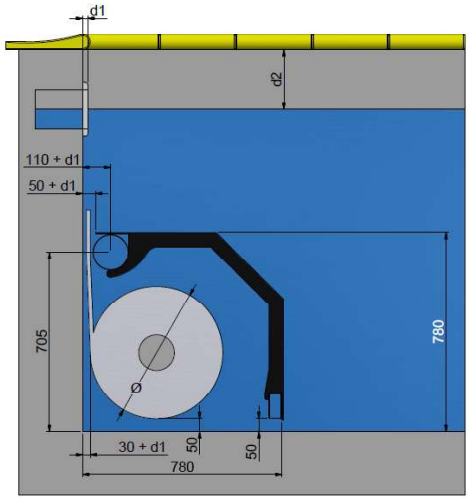
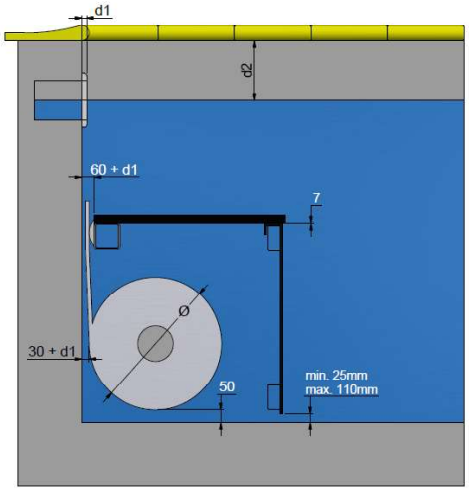
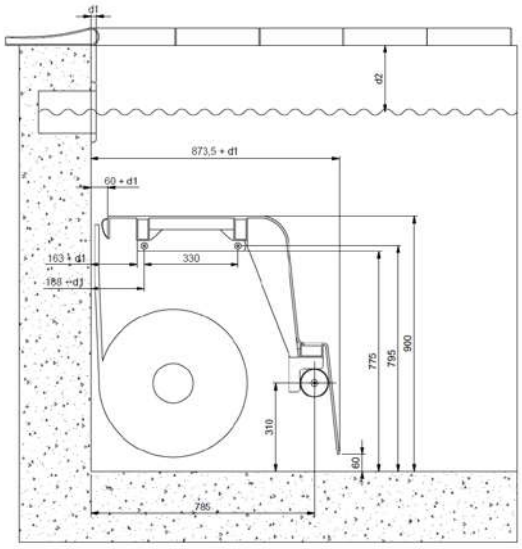
Concept:

- The Rollo cover is mounted on the pool floor.
- Drive: external electric, external hydraulic or in-roller motor.

Options:

- **See c**hapter "***O4 – Finishing: Underwater mount – On pool floor: Bench***"
- The Rollo cover can be covered with a single piece fibreglass bench (< 7m).
- The bench will be made in 2 parts when poolwidth exceeds > 7m.

Target values:
(Valid for pools till 6m width – exact diameter can be found on the quotation of T&A and the first page of the manual of each project)

Cover length (m) (stairs incl.)	6	8	10	12	14	16	20	25
Diameter (ø) Rollo cover (mm) Slat dimension : 60 x 14 mm	420	480	520	580	610	640	705	780
Diameter (ø) Rollo cover (mm) Slat dimension : 67,5 x 16,5 mm	440	500	540	600	640	680	720	820

Dimensions: