

This instruction manual describes the recommended mounting method for Roblon Fiber Optics' COMPAS-LINE of recessed up-light fittings. The instruction is only valid for COMPAS fittings with straight flange (0313 0100 and 0313 0101) for flushed mounting in a flag stones.

1A. Drill a hole in the flag stone \square 100 mm (+2/-0 mm).

1B. The hole surface must be scratched so it becomes uneven and must be cleaned for dust, as described in the glue applicated.

2A. Fasten the aluminium bracket to the 40 mm high fixing bush with the 2 screws. Fit the plastic fitting bush in the hole. The bush is now fixed in an 11 mm distance to the flag stone's top edge. See drawing.

2B. Secure the bush to the flag stone with exterior cement (HILTI glue HIT-HY 150) through the 4 holes in the bush wall. The cement has a 6 minutes pot time and a 50 minutes hardening time (at +20 °C). (at +5 °C: 25 minutes pot time / 90 minutes hardening time).

2C. Secure carefully that the bush is centered in the hole in the flag stone.

3A. Place a \square 150 - \square 200 mm well (e.g. plastic conduit) where the fitting is supposed to be fitted. This is done to prevent sand and gravel from interfering with the entry of the fiber cable.

3B. Drill a \varnothing 50 mm hole in the side wall of the well. Fit a plastic conduit \varnothing 50 mm from the well to the light source.

4A. Conduct a flexible conduit, \varnothing 14-18.5 mm outside diameter (e.g. DMI Nyflex nr. 2641). This type is recommended due to its strength and temperature resistance. The diameter parameter is the most important in order to secure water tightness between the conduit and the fitting! There must be app. 300 mm flexible conduit above well level.

4B. Finish with sand og gravel around the fitting well, lead the flexible conduit through the hole and place the flag stone with the hole centered over the well.

5. After having finished all conduits and placed all stones, the fiber cables can now be either pushed forward through the flexible conduits or drawn with a cable finder

6. Fit the flexible conduit to the Compas fitting and screw the fitting to the fitting bush.

7. The fiber cable is secured to the connector with the set screw, the Compas Insert is placed in the Compas fitting and the fitting is closed with O-ring, glass and flange.

