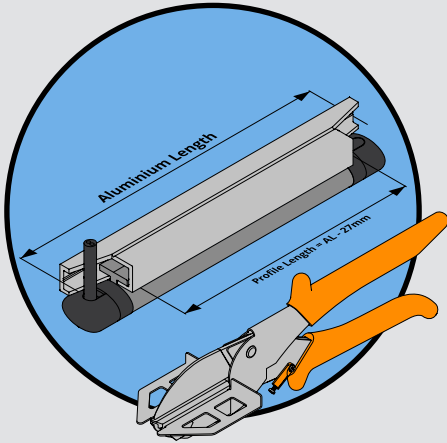


SENTIR edge - SKL KS2 ASSEMBLY INSTRUCTIONS

REQUIRES: LÖWE SLAT CUTTERS, ASO GLUE KIT, HEAT GUN / SOLDERING IRON AND SHRINK HOSE

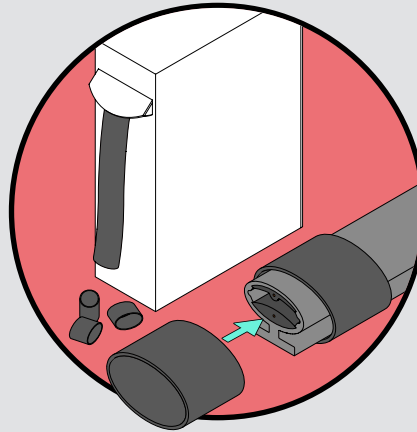
(ASSEMBLY INSTRUCTIONS SAFETY CONTACT EDGES MAY ONLY BE MANUFACTURED AND INSTALLED BY AUTHORISED PERSONS)



1. Cutting the safety contact edge

Cut the safety edge material **27mm** shorter than the required finished length of the contact edge. Ensure the material is cut at a dead flat angle.

WARNING: USE ONLY THE APPROVED LÖWE 3306/3106 CUTTING TOOLS.



2a. Preparing shrink hose cover

Cut **2 X 20mm** pieces of the adhesive lined shrink tube from the roll & feed on to the cut edge material. These will be used to provide protection of the glued plug seal once the edge has been made.



2b. Preparing KS2 Plugs

If you have **type "A"** KS2 plugs using separate push on caps. Coat the inside of the cap and outside of the plug with **ASO Primer**, then apply a thin layer of **ASO Glue** push the caps firmly on as illustrated. Finish bonding by brushing the **ASO Activator** solution around the glued area.

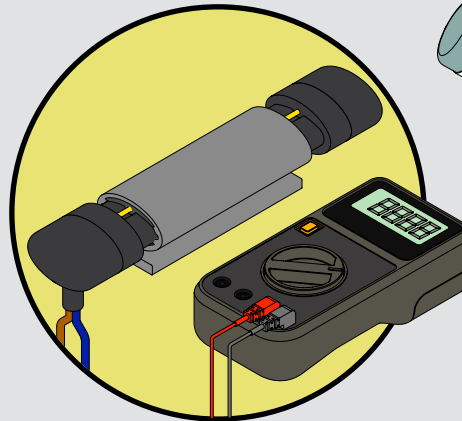
NOTE: TYPE "B" PLUGS HAVE INTEGRATED CAPS AND DO NOT REQUIRE THIS STEP TO BE PERFORMED.



2c. Preparing plugs & material with primer

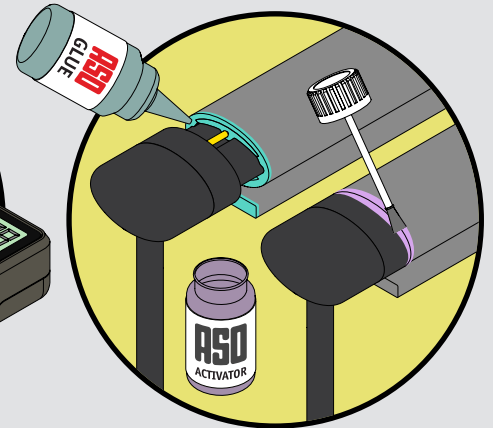
Coat the flat face surface of the pre-cut ASO edge material and the exposed pins section of the KS2 plugs generously with ASO primer.

WARNING: DO NOT SKIP THIS STEP, WITHOUT PRIMER THE GLUE WILL NOT STICK PROPERLY.



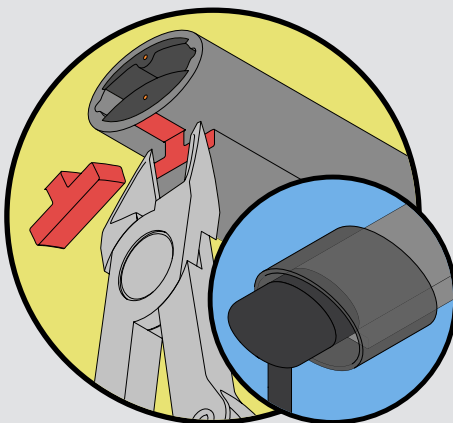
3. Inserting plugs in to material.

Insert the wiring plug (**KS2L**) or resistor plug (**KS2W**) into the switching chamber half-way ensuring that the pins on the plug penetrate directly in to the copper braid. Using a meter check the resistance value is **8.2K +/- 500ohms**.



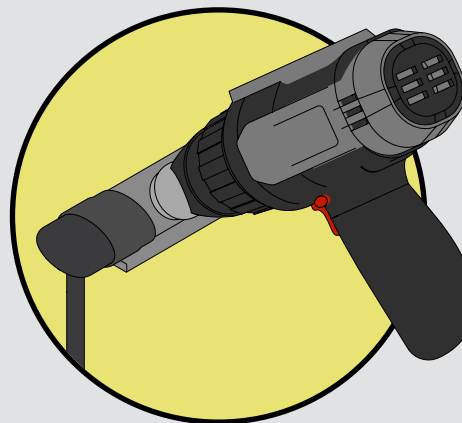
4. Gluing the plugs in

Squeeze a thin line of ASO glue (**approx 2-3mm thick**) around the circumference of the cut face of the edge. Immediately press the KS2 plug fully into the switching chamber and hold in position for **approximately 30 seconds**. Ensure the seal is tight and no pins can be seen. Hold in position for 30 seconds whilst applying the **Activator** solution around the glued area.



5. Prepare material for shrink hose seal

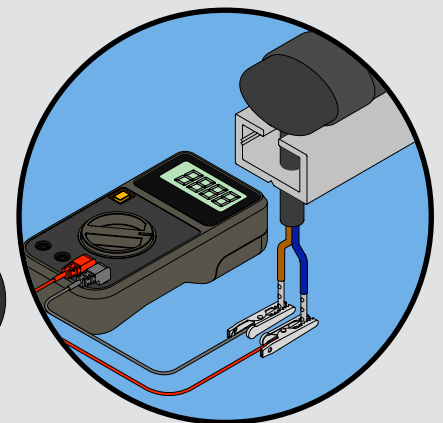
Cut a small section (**approx 10mm**) of the T foot from the bottom of the material to allow the shrink hose to fit over the glue seal properly.



6. Seal on shrink hose cover

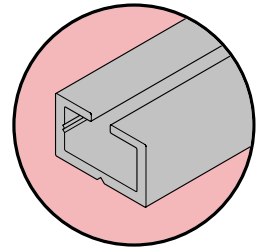
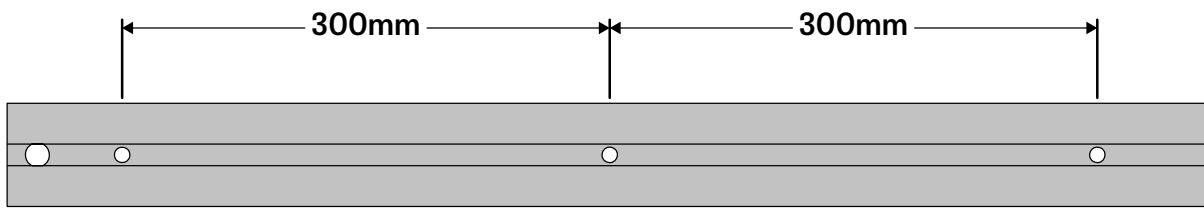
Using a heat gun or soldering iron tip, gently and evenly heat the shrink hose until it creates a tight seal over the glued material and KS2 plugs.

NOTE: THE HOSE IS TO PROTECT THE GLUE SEAL UNDERNEATH, NOT TO REPLACE IT!

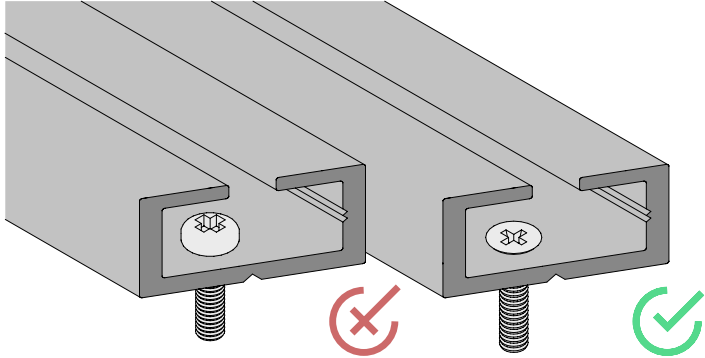


7. Electrical testing of contact-safety-edge

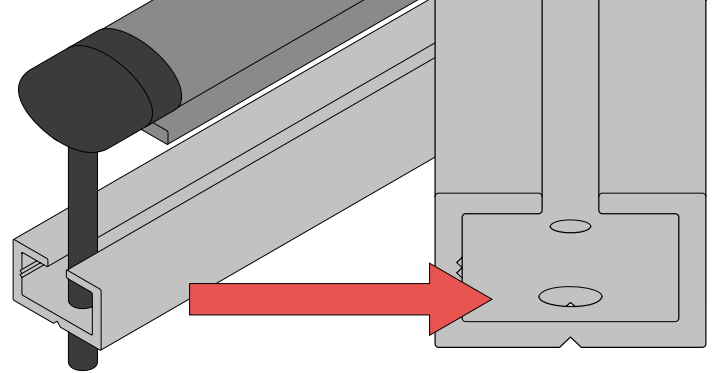
Measure the contact edge with a multimeter. In rest position, the resistance value has to be **8.2 kΩ ± 500 Ω (7.7 - 8.7 kΩ)**. When edge is activated, the resistance should not exceed **500 Ω**.



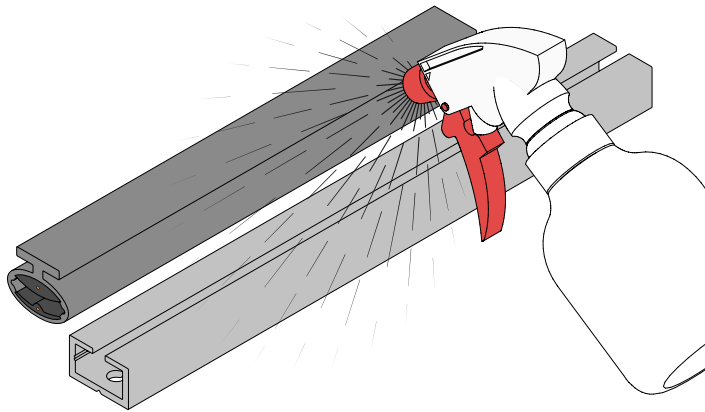
1. Mount the alu carrier and drill holes at points spaced 300-500mm apart minimum.



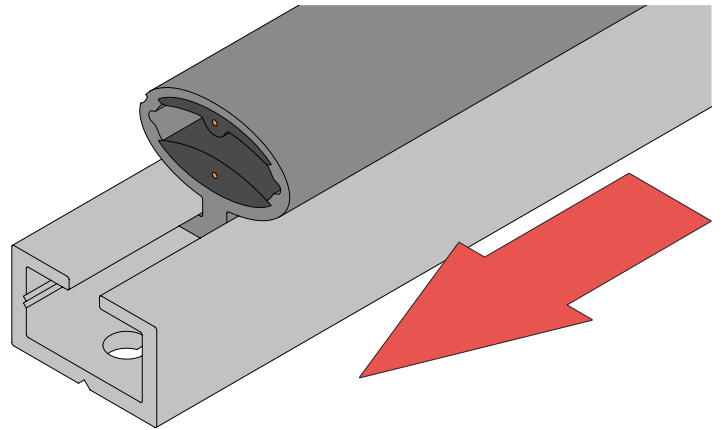
2. Use pan headed or counter sunk screws where possible to prevent snagging of the rubber edge profile on exposed screw heads.



3. Drill an additional 8mm hole in the desired location to draw any cables through the alu carrier and frame of gate/door.

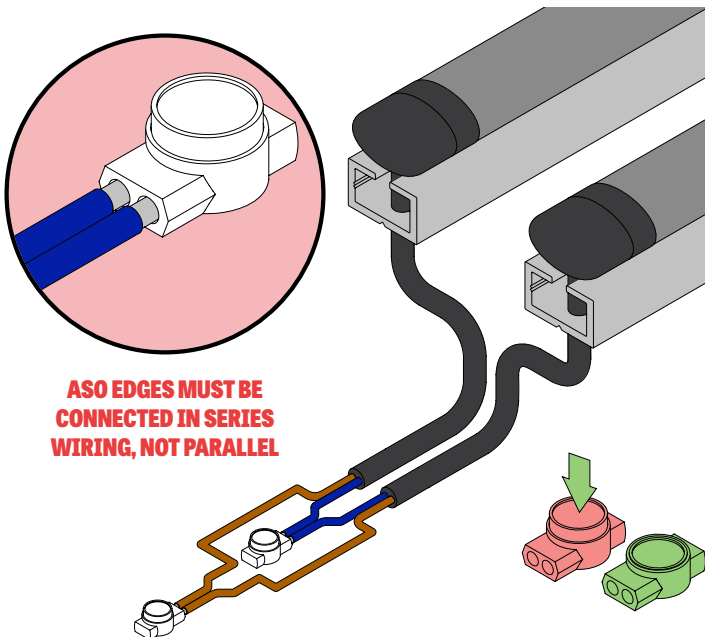


4. Use a soapy water spray solution to coat the rubber foot of the safety edge profile and the alu carrier before attempting to install the edge.



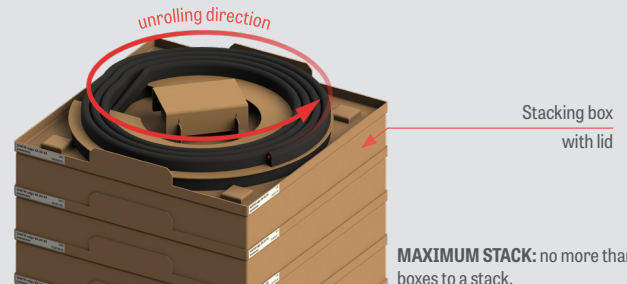
5. Fit the safety edge to the carrier as illustrated (edges with **T foot** slide in) (edges with a **C foot** clip in from above) (edges with a **Clip foot**, clip over from either side of the safety edge).

6. **!WARNING!** do not attempt to pull T foot or C foot edges in to the alu carrier using the attached cables, this can damage the edges assembly and will invalidate any warranty.



7. When joining cables between safety edges or junction boxes, be sure to use weather proof connectors such as gel crimps or properly soldered and heatshrink connectors rated at IP 65 or above **!WARNING!** Failure to join cables properly will invalidate any warranty of the safety edge.

STORAGE AND HANDLING METHODS



ASO edge material for self-assembly **MUST** be stored in a cool, dry environment away from sources of water or heavy contaminants. Before attempting to assemble contact edges the material should be checked thoroughly for moisture or contaminants and cleaned and dried appropriately.

DO NOT tightly coil or place heavy objects on top of the safety edge materials, this can cause damage to the profile and will invalidate any warranty.