

FIGURE 1 - EDGEWISE APPLICATION

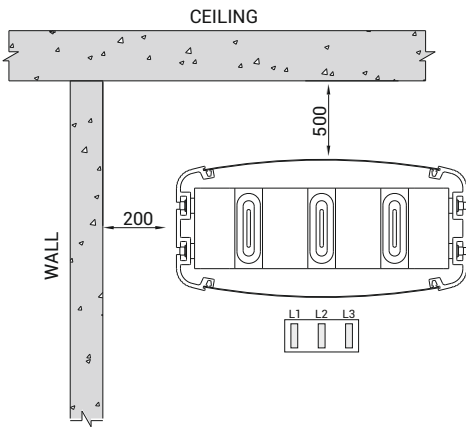


FIGURE 4 - SAMPLE WALL CROSSING WITH FIRE BARRIER

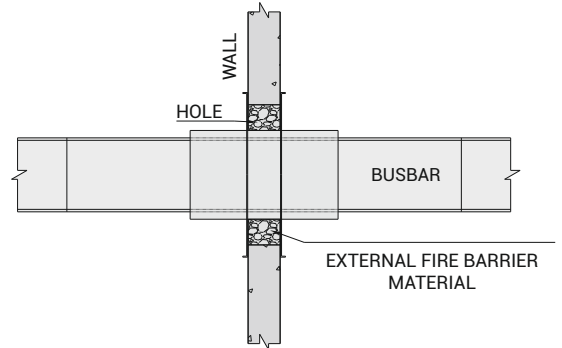
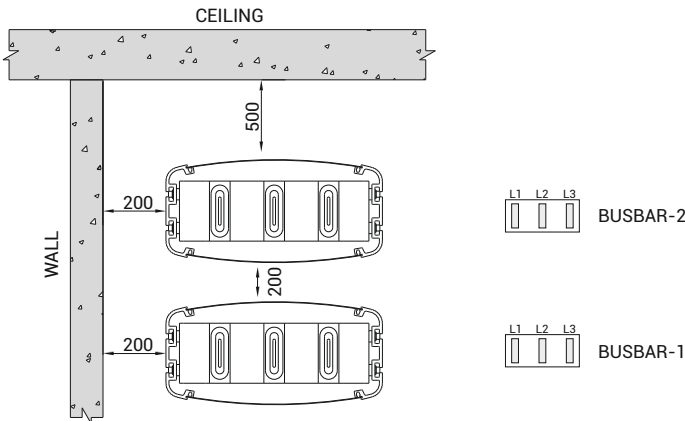


FIGURE 2 - EDGEWISE APPLICATION



Primarily on the installation phase;
BUSBAR-1 line should be installed before **BUSBAR-2** line.

FIGURE 5 - STANDARD WALL CROSSING

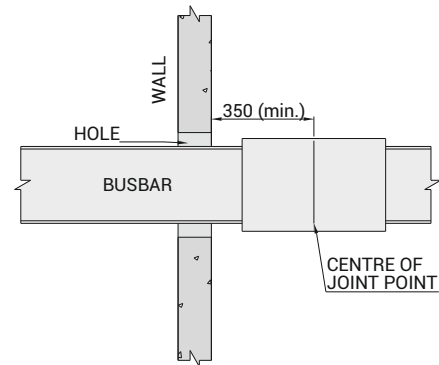
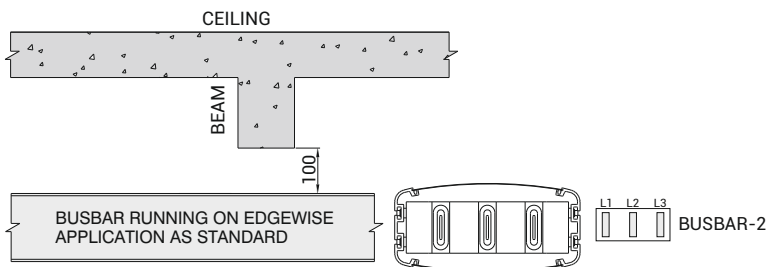


FIGURE 3 - CROSSING UNDER A BEAM ON EDGEWISE APPLICATION



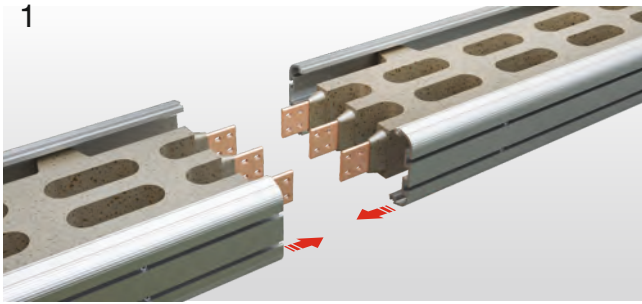
Attention !

- For correct installation, the dimension from the busbar to the ceiling should not be less than 500mm
- The joint should not come across to Beams.
- The dimensions given above are minimum values.
- All dimensions are given in mm.

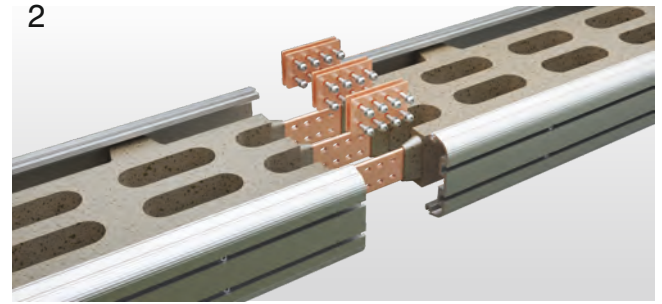
Cast Resin Installation Tools

Description	Order Code
CR Joint Area Mixer	5000132
CR Plastic Hammer	5000310
CR Spoon Brush	5000311
MV Allen Torque Set	5000664

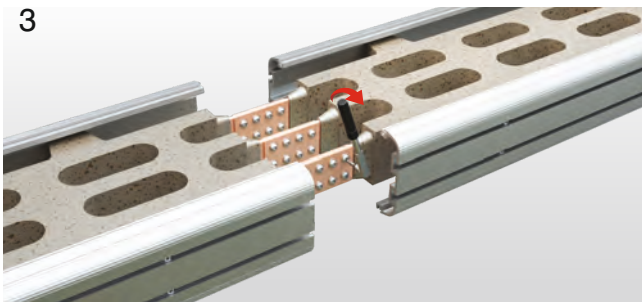




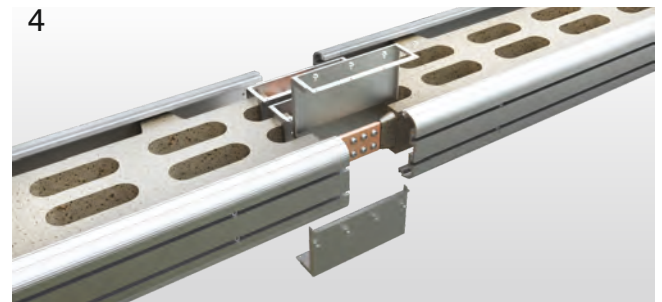
The ends of the conductors of the busbars are cleaned with a clean dry cloth. The busbars have to be fixed in the same axis, with a max. distance of 10 mm between the two conductors.



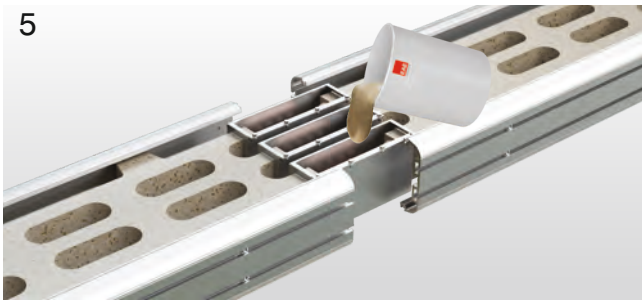
As shown on the figure, junction plates shall be fixed as the bolts face the same direction at all times.



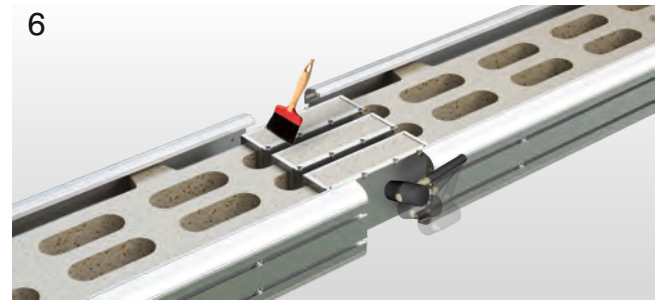
All bolts must be tightened to 72 Nm with torque wrench.



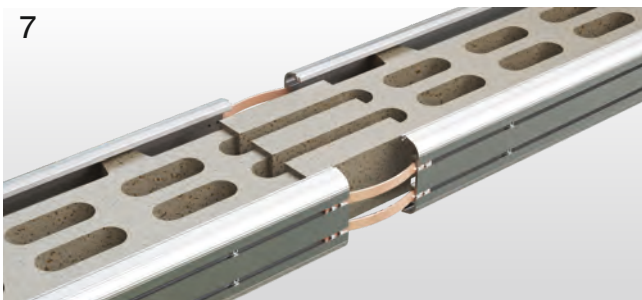
Before the casting moulds assembling, inner surfaces of casting mould shall be wiped with clean dry cloth.



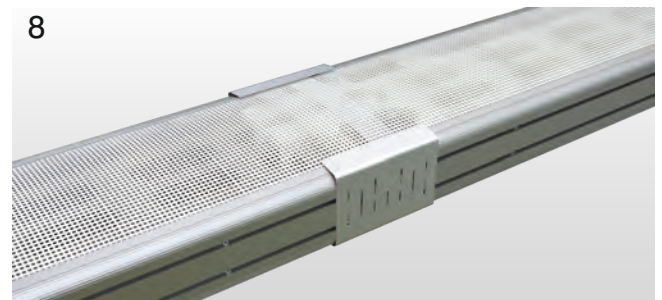
The mixture prepared for casting should be cast from the same spot at all times.



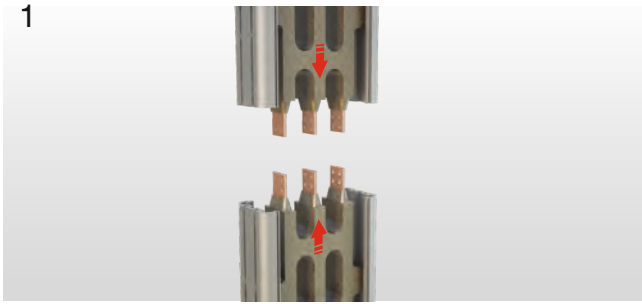
The material should be 'vibrated' with the help of a plastic hammer to remove the air in the material. Then the air bubbles on the surface have to be brushed.



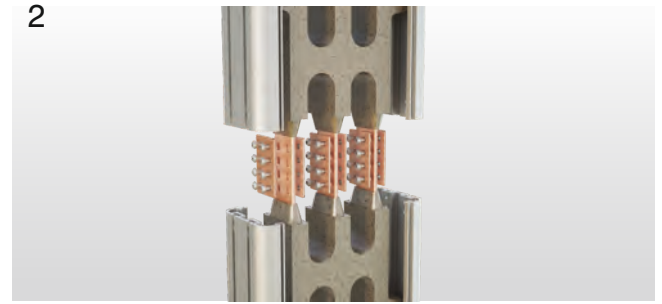
After the curing of the cast material is complete the sheet metal moulds can be removed. (Reaction is completed within 8 - 24 hours based on the air temperature.) The flexibles are fitted to the profiles grooves for earth continuity.



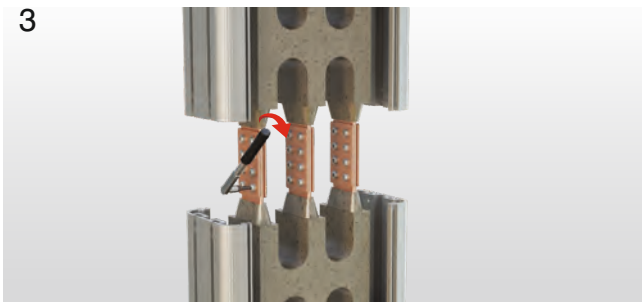
Joint protection pieces of perforated aluminium should be fitted.



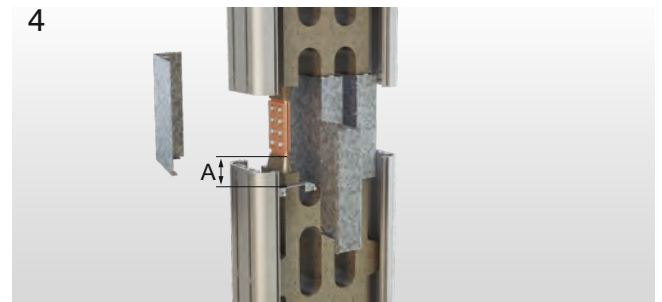
The ends of the conductors of the busbars are cleaned with a clean dry cloth. The busbars have to be fixed in the same axis, with a max. distance of 10 mm between the two conductors.



As shown on the figure, junction plates shall be fixed as the bolts face the same direction at all times.



All bolts must be tightened to 72 Nm with torque wrench.



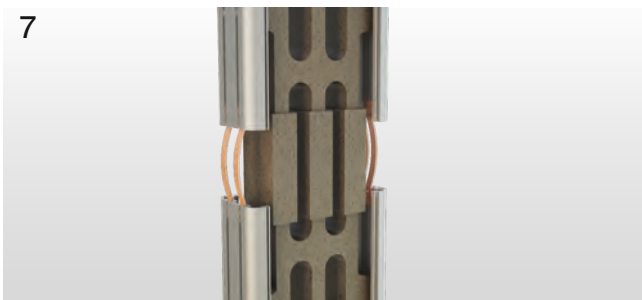
Support sheets are secured on the lower part of the jointure area by a stem bar. A min. 50-60 mm. The joint moulds are affixed on the support sheet by cleaning with a dry and clean piece of cloth.



The prepared material for casting should be cast from the same spot at all times.



The material should be 'vibrated' with the help of a plastic hammer to remove the air in the material. Then the air bubbles on the surface have to be brushed.



After the curing of the cast material is complete, the sheet metal moulds can be removed. (Reaction is completed within 8 - 24 hours based on the air temperature.) The flexible strips are fitted to the profile grooves for earth continuity.



Joint protection pieces of perforated aluminium should be fitted.