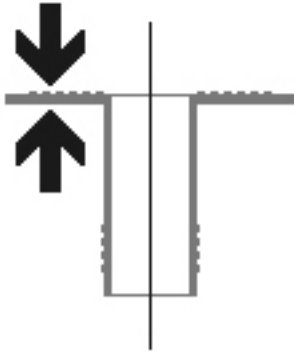
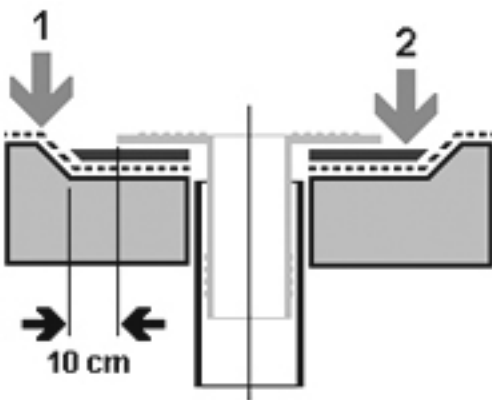


DESIGN FOR PIPE UNIONS FOR BITUMEN-POLYMER MEMBRANES (PART 2)



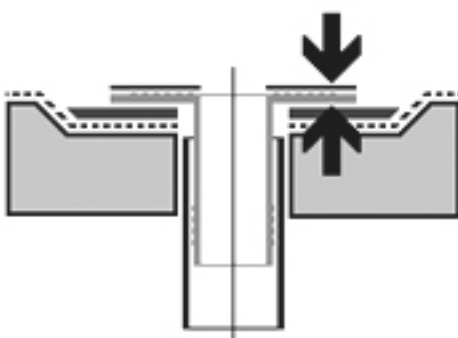
During construction, in order to extract the pipes from the moulds, a silicone oil based detachment substance is utilised. These substances create a film that can favour the imperfect adhesion of the of the polymer bitumen membranes with the flanges. Therefore we recommend to abstain from the following: once the pipes have been extracted from the packaging, it is necessary to clean the surfaces that will come into contact with the membranes, for this type of cleaning a solvent must be utilised(e.g. trichloroethylene), to be passed over the interested surfaces with a rag. Alternatively, in absence of a solvent, the flooding of the surfaces can be carried out.



Spread a hand of bituminous primer solvent (1), having the function of promoter for the adhesion and freeing from dust of the support surface. Flame application of a lower counter-flange in polymer bitumen membranes in contact with the support.

This counter-flange, placed in total adherence on the bottom of the lowered seat, must extend beyond the edge for approximately 10 cm in respect to every side above the flange of the pipe.

Opening of the membrane and its finishing's in correspondence of the opening of the pipe.



Insertion of the pipe into the predisposed opening for disposal, following the flooding of the surface in sight of the counter-flange in mbp and heating the lower surface of it's flange. Saturation of the external surface of the flange through the spreading of hot bitumen (bituminous compound) obtained by the tempering with a flame of the scraps of the polymer bitumen membrane.