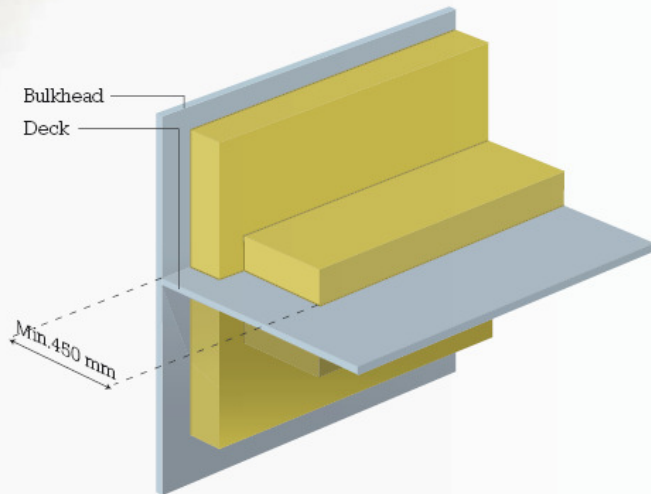


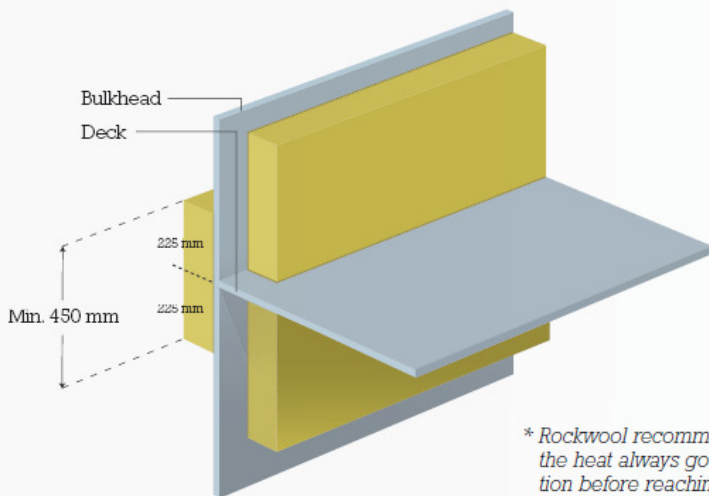
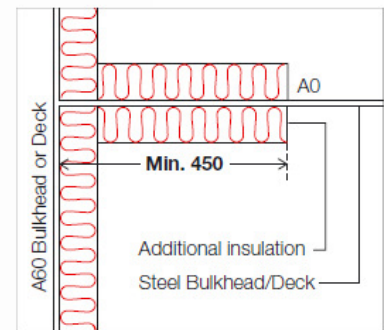
# Bulkhead and Deck Connections

When two plates are connected in a corner, the heat bridge should always be kept in mind when insulating. The structure must have insulation so that heat transfer can not occur from one unexposed surface through the structure and onto another unexposed surface. The heat must always go minimum 450 mm under the insulation before reaching an unexposed surface(acc. to SOLAS MSC/circ. 1120 annex reg. 9.3.4).



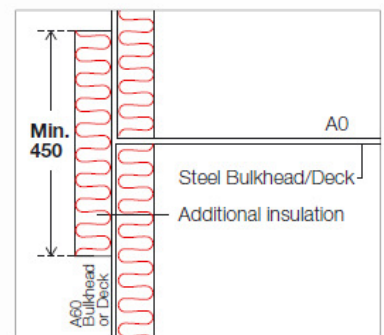
Connections between A-60 and A-0 constructions should be insulated by adding a layer of A-60 insulation on the A-0 construction in a minimum width of 450 mm.

This is to minimize the effect of the heat bridge.



Another alternative to insulate the heat bridge can be done by installing min. 450 mm\* of insulation on the other side of the construction.

This will reduce the transferred heat and thereby minimise the risk of self ignition inside the connecting room.

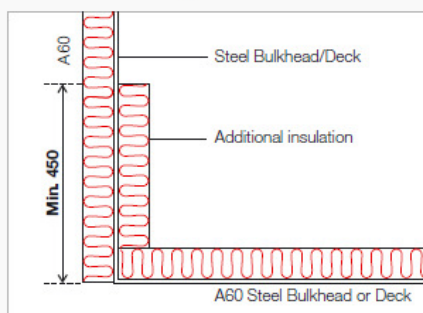


\* Rockwool recommends 900 mm to secure that the heat always go min. 450 mm under the insulation before reaching an unexposed surface.

## Bulkhead and Deck - Construction details

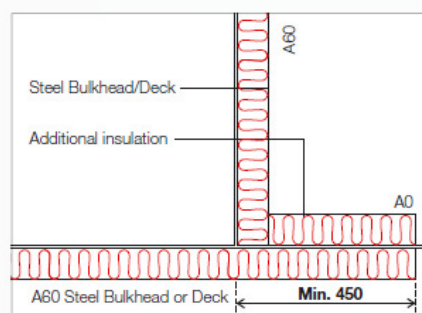
In connection with insulation it is important to pay special attention to the details related to junctions, corners etc. in order to avoid potential heat bridges. Below you will find examples of construction details:

### Corner example



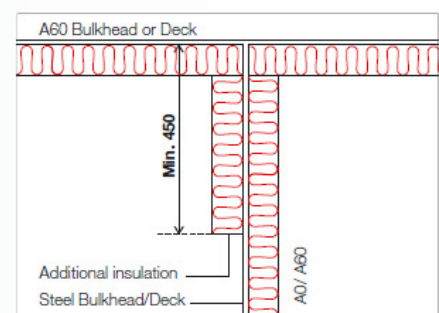
Insulation on either side of Bulkhead/Deck

### Junction example 1



Insulation on the outside of Bulkhead/Deck

### Junction example 2



Insulation on the inside of Bulkhead/Deck