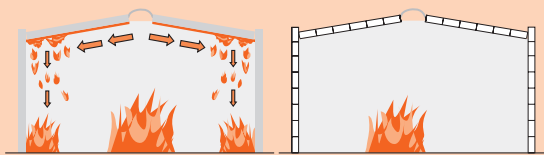




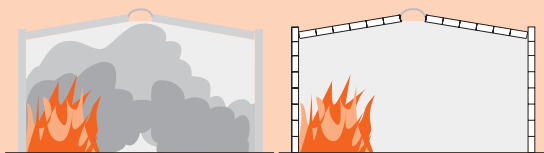
Prevention from secondary fires



Other material :
spreading of fire
through burning material
that falls down or melts

Aerated concrete
does not melt or burn

No smoke occurs upon fire



Other building materials
often emit a lot of smoke

When a fire occurs
Hebel does not emit smoke
or toxic gasses.



Installation

Hebel wall panels are suitable for use on any structure (steel, concrete or wood). Of course, work will proceed more smoothly and the cost benefits will be that much greater if, at the design stage, allowance is made for all of the features of our products.

The wall panels can be mounted horizontally or vertically. Consult the HEBEL application instructions.

Joints

a. Horizontal mounting

Where the wall panels are mounted horizontally, the horizontal joint should be filled with a foam strip (EI < 3h) or with HEBEL thin bed mortar –Ytocol (EI > 3h). Vertical joints can be sealed by an injection of an

elastomer sealant or in case of a fire stop wall with rockwool.

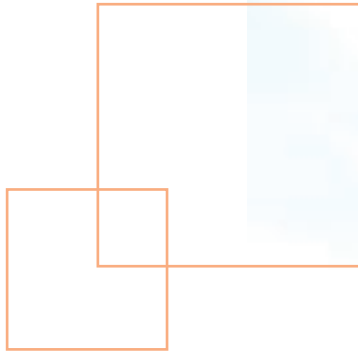
b. Vertical mounting

Where the panels are mounted vertically, the joint can be sealed by injection of an elastomer sealant.

Fixing

Fixing systems vary according to the type of framework to which our wall panels are to be fixed or incorporated, and depending on the method of mounting to be used. Fixing accessories are available to order from HEBEL.





Important notes

a. The wall panels are cut to thickness using steel wire. The visible face shows the direction of cut which is apparent as the "grain" of the panel. To avoid significant colour contrasts caused by incident light from the sides, it's advisable to always ensure that wall panels on the same façade or elevation are all mounted "with the grain".

For this purpose, one face of all wall panels- whether horizontal or vertical mount- is marked with an arrow, on the end of each panel, indicating the direction of the main reinforcement (also for sawn panels). The arrow should always be facing the inside of the building.

b. Aerated cellular concrete is a material made from natural raw materials. Slight differences in shade are therefore possible.





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