



ACOUSTIC FLOOR BLOCKS INSTALLATION GUIDE

Insert the Floor Blocks in the U 48/30 profile

Insert the Floor Blocks in the U profile with the distance between mounts according to the distribution that has been defined for the solution of the project. It is recommended that the distance between Floor Blocks does not exceed 600 mm.

As the Floor Block has a width of 50 mm, the suitable profile is U 48/30. It is a standard profile that is commonly used by plasterboard manufacturers.

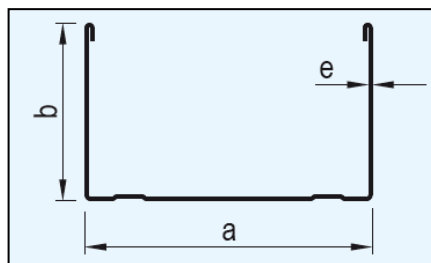
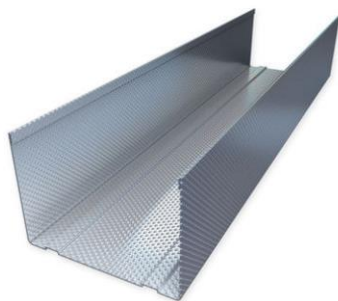
Profile	a (mm)	b (mm)	e (mm)
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U 48/30

48,5

30

0,55



Place the profiles on the floor

Place the U profiles on the floor with the distance between them according to the distribution that has been defined for the solution of the project.

It is recommended that the distance between profiles does not exceed 600 mm.



Place the mineral wool

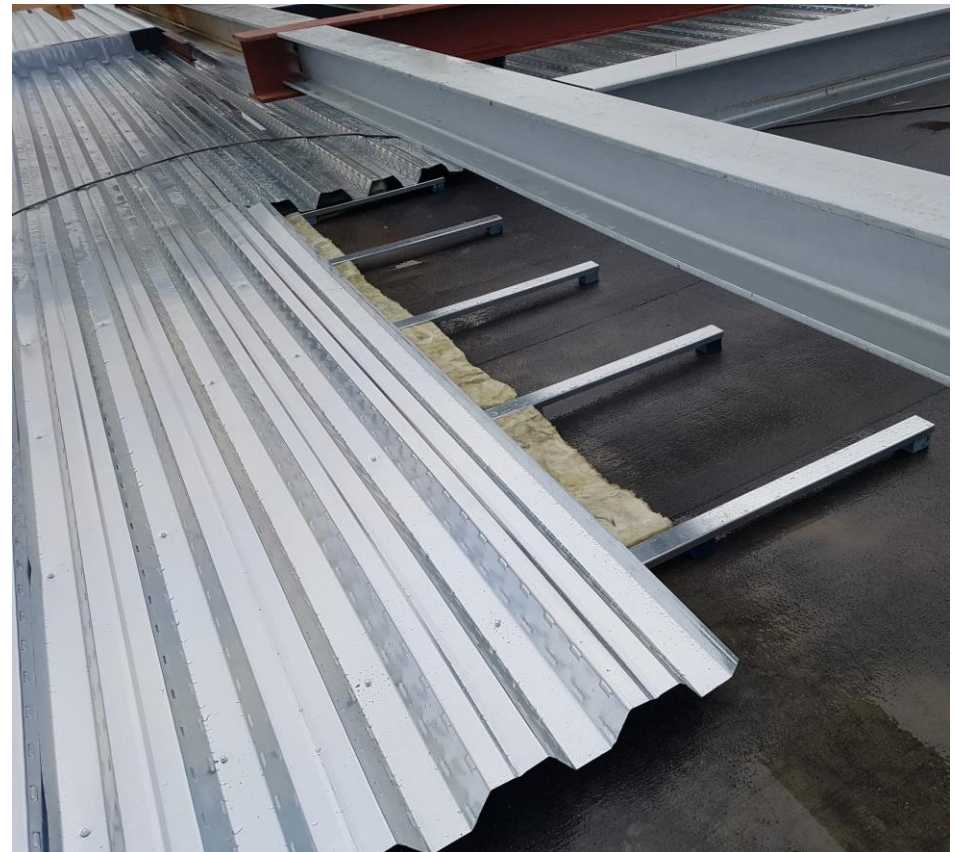
In case it is defined in the solution for the project, place the mineral wool between profiles.



Install a layer of a rigid material

A layer of a rigid material has to be placed over the profiles, covering the entire surface of the concrete slab. It can be made of wooden boards or corrugated metal sheets.

The joints between the rigid material panels must be sealed to prevent leakage of the concrete.



Place an elastic perimetral material

The concrete slab must be elastically decoupled from the walls to avoid acoustic bridges. For that, perimetral insulating strips should be used, with a width that exceeds the top surface of the floating slab.



Poor the concrete

Poor and spread the concrete until a homogeneous slab of a thickness defined in the solution of the project is achieved.

