



# JVP

Raised access floor  
Pavimento **sopraelevato** accessibile



## Comparison of JVP 4x4 panels and gypsum fibreboard, notes.

Thickness, weight and available plenum.

- JVP 4x4 C4TTM000 panels have a total thickness of 29 mm and weigh about 29 kg/m<sup>2</sup>, guaranteeing a 5/3.0/A/1 load class under UNI EN 12825 (classes increase from 1 to 6), with no need for cross-members: for a finished height of 170 mm, the entire plenum is available for systems for a total of 141 mm.
- Calcium sulphate and fibre panels - also known as gypsum fibreboard - require a minimum thickness of 34 mm and weigh about 51 kg/m<sup>2</sup>, guaranteeing a 2/3.0/A/1 load class under UNI EN 12825 (classes increase from 1 to 6). They require cross-members at least 30 mm high: for a finished height of 170 mm, the plenum available for systems is just 106 mm.

Surface resistance, water and wear resistance

- Bare JVP 4x4 C4TTM000 panels are fully covered with 0.40 mm thick galvanised steel sheet. During construction, they will not chip or stain, and they are fully resistant to scratches, cuts and dents. They do not absorb water and release no dust or debris due to abuse during installation and maintenance.
- Calcium sulphate and fibre bare panels have no mechanical surface protection, so they can chip and stain during construction. They are not resistant to scratches, cuts or dents. They absorb water and release dust and debris due to abuse during installation and maintenance.

Breakage.

- When bare JVP 4x4 C4TTM000 panels break due to loads exceeding the class limit (approximately 1 000 kg of incidental load exerted on a 25x25 mm square for class 5), they maintain their integrity because they bend but never break or fragment, so the load never ends up on the underlying slab.
- When calcium sulphate and fibre bare panels break due to loads exceeding the class limit (approximately 600 kg of incidental load exerted on a 25x25 mm ram for class 2), they completely lose integrity because they break and fragment, so the load falls through the entire vertical space of the plenum onto the underlying slab.

We hope that this information was useful. Naturally, we encourage you to contact us should you require any additional information.

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