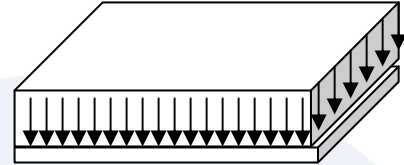


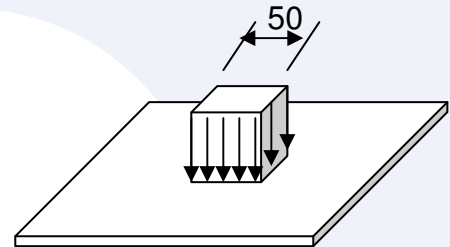
Compressive strength

The following compressive strength values for short term loading can be used for the Omnia Panel with standard 0.7 mm skins.

Uniformly distributed load, large area	
Material	Load [N/mm ²]
Omnia panel, 80 kg/m ³ core	1,5
Omnia panel, 120 kg/m ³ core	2,5



Local load on 50 x 50 mm ²	
Material	Load [N/mm ²]
Omnia panel, 80 kg/m ³ core	2,3



Remarks

1. The compressive strength is valid for short and medium term loading. When the loading lasts longer, i.e. several weeks, the creep behaviour of PP should be taken into account. Allowable loads should then be reduced (e.g. 50% of the values above).
2. The above mentioned compressive strength is no indication of the structural integrity of a given panel. A panel should be sufficiently supported, to achieve a loading at the above mentioned level.

The specifications in this data sheet represent the current state of our technical knowledge and its purpose is to inform about the Omnia Panel and its applications. The specifications therefore do not guarantee particular properties or suitability for a specific application. We reserve the right to make changes in accordance with technological processes and other developments. We guarantee faultless quality in accordance with our conditions of sale.