

Water absorption of ARPLANK 20, 30 and 45

Document date: 22.03.2022

Test objective: Evaluate the absorption of water of ARPLANK samples at 20, 30 and 45kg/m³

Tested specimen: Cubes of 50*50*50mm without moulded surfaces

Test method:

Cut samples of 50*50*50mm are prepared. The samples are then immersed in distilled water during 1 day at 23°C. After 1 day, the weight difference before and after immersion is calculated in order to evaluate the water absorption expressed in weight.

The final result is then expressed as the percentage increase in total volume.

Results:

ARPLANK 20, 30 and 45 typically absorb less than 1% (in volume) of water after 1 day of immersion.

Note: *Water absorption can slightly vary depending on the quality of the surface and the internal fusion of the part. Therefore, the presence of cut surfaces as well as the moulding parameters can affect this property. Moreover, increasing the water temperature tends to accelerate the water absorption.*

For more information about the data presented, or any aspect of ARPLANK performance, contact your sales representative.