Determination of water absorption according to ISO 9073-6 (2000)

Each carpet sample of 10 cm x 10 cm will be submerged on a mesh in demineralized water (20±1°C), the surface of the sample is submerged 20 mm below the water level.

After 60±3 s the mesh is being retracted out of the water together with the sample during (120±3 s).

	Mass (g) - before	Mass (g) - after	Water absorption %	Water absorption liter /m2
Quickmat Tile	51,2 g	101,4 g	98,0 %	4,3 L
Quick Dry-Alu	54,0 g	90,2 g	67,0 %	3,3 L
Quick Dry	51,2 g	101,4 g	98,0 %	4,3 L
Quick Scrapex	50,7 g	88,0 g	73,5 %	3,8 L

Calculation of the water absorption W_A in %: $W_A = \frac{m_n - m_v}{m_v} * 1$

m_n is the mass after the test, m_v is the mass before the test and W_A is the percentage in water absorption

Calculation of the water absorption in liter/m^2: $(m_n - m_v / 1000)*10$