

Constructional data

property name + additional info	value	unit
Gross density	30 - 50	kg/m ³
Calculation value for thermal conductivity acc. to /EN 12667/ and /EN 13164/ Annex C	0.025 - 0.027	W/(mK)
Water vapour diffusion resistance factor acc. to /EN 12086/	50 - 250	-
Water absorption after diffusion acc. to /EN 12088/	3 - 5	Vol.-%
Deformation under compressive load and temperature acc. to /EN 1605/	5	%
Compressive stress or strength at 10% deflection acc. to /EN 826/	300 - 700	kPa
Compressive modulus of elasticity acc. to /EN 826/	10000 - 40000	kPa
Tensile strength perpendicular to faces acc. to /EN 1607/	100 - 400	kPa
Compressive creep/long-term compressive strength acc. to /EN 1606/	< 250	kPa
Freeze-thaw resistance acc. to /EN 12091/	1	Vol.-%
Dimensional stability acc. to /EN 1604/	5	%