

Thickness Tolerance, T	T1	EN 13164:2012 (EN 823)
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Thermal Properties

Property	Value	According to
Thickness (mm)	Thermal Conductivity λ_D / Thermal Resistance R_D	
50	0,035 W/mK / 1,45 K/W	EN 13164:2012
70	0,035 W/mK / 2,00 K/W	EN 13164:2012
100	0,037 W/mK / 2,70 K/W	EN 13164:2012

Moisture Properties

Water Permeability

Property	Value	According to
Water Absorption, Long Term WL(T), Wlt	$\leq 0,7$ Vol %	EN 13164:2012 (EN 12087)
Water Absorption, Long Term by Diffusion WD(V)	≤ 1 Vol %	

Mechanical Properties

Compressive Strength

Property	Value	According to
Compressive Stress or Compressive Strength CS(10Y), σ_{10} , σ_m	200 kPa	EN 13164:2012 (EN 826)

Emissions

Release of Dangerous Substances to the Indoor Environment

Property	Value	According to
Release of Dangerous Substances	No emissions	EN 13164:2012

Durability

Durability of Compressive Strength against Ageing/Degradation

Property	Value	According to
Compressive Creep $CC(i1/i2/y)\sigma_c, X_{ct}$	CC(2/1,5/50)90	EN 13164:2012 (EN 1606)

Freeze-thaw Resistance

FTCD2

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