

Property	Value	According to
Reaction to Fire, Euroclass	A1	EN 14303:2009+A1:2013 (EN 13501-1)

Other Fire Properties

Property	Value	According to
Fire Classification (IMO)	Non-combustible	IMO FTP Code Part 1
Surface Flammability (IMO)	Low flame-spread characteristics	IMO FTP Code Part 2 and 5

Thermal Properties

Thermal Resistance

Property	Value	According to
Thermal Conductivity (declared) in 10 °C, λ_{10}	0,038 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity (declared) in 50 °C, λ_{50}	0,047 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity (declared) in 100 °C, λ_{100}	0,059 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity (declared) in 150 °C, λ_{150}	0,074 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity (declared) in 200 °C, λ_{200}	0,091 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Thermal Conductivity (declared) in 250 °C, λ_{250}	0,110 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Dimensions and Tolerances	T4	EN 14303:2009+A1:2013

Moisture Properties

Water Permeability

Property	Value	According to
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 14303:2009+A1:2013 (EN 1609)

Water Vapour Permeability

Property	Value	According to
Water Vapour Diffusion Resistance	MV2	EN 14303:2009+A1:2013 (EN 12086)

Rate of Release of Corrosive Substances

Trace Quantities of Water Soluble Ions and the pH Value

Property	Value	According to
Chloride Ions, Cl-	< 10 ppm	EN 14303:2009+A1:2013 (EN 13468)

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