


# Technical Data Styrodur® HT



Property	Unit	Code according to EN 13164	HT 300 CS		Standard
Edge profile					
Surface			skin		
Length x width	mm		1265 x 615		EN 13164
Thermal conductivity	$\lambda_d$ [W/(m·K)]		$\lambda_d$		EN 13164
Thermal resistance	$R_d$ [m <sup>2</sup> ·K/W]		$R_d$		
Thickness	40 mm	T1	0.032	1.25	-
	50 mm	-	0.033	1.55	
	60 mm	-	0.034	1.80	
Compressive stress or compressive strength at 10% deformation	kPa	CS(10\Y)	300		EN 826
Dimensional stability (defined temperature): 48 h; 70 °C	%	DS(T+)	≤ 5		EN 1604
Dimensional stability: 70 °C; 90% r.h.	%	DS(TH)	≤ 5		EN 1604
Dimensional stability: 90 °C; 90% r.h.	%	-	≤ 5		analogue EN 1604
Deformation behaviour: load 40 kPa; 70 °C	%	DLT(2)5	≤ 5		EN 1605
Deformation behaviour: load 40 kPa; 90 °C	%	-	≤ 5		analogue EN 1605
Reaction to fire	Euroclass	-	E		EN 13501-1 DIN 4102
	Building material class	-	B2		
Long term water absorption by immersion	Vol.-%	WL(T)0,7	≤ 0.7		EN 12087
Closed cells	%	CV	95		EN ISO 4590
Maximum service temperature	°C	-	105		EN 14706

## Note:

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