

TECHNICAL DATA

IZOROL- SR EPS T and IZOROL-SR/KL EPS T

For the production of insulation boards IZOROL- SR EPS T² and IZOROL- SR/KL EPS T³ styrofoam boards are used according to EN 13163:

EPS-EN 13163 T(1)-L(3)-W(3)-S(5)-P(10)-BS50-DS(70,-)5-SD20-CP2 for thicknesses: 10-12mm

EPS-EN 13163 T(0)-L(3)-W(3)-S(5)-P(10)-BS50-DS(70,-)5-SD20-CP2 for thickness: 15mm

Technical parameters table:

Property	Unit	Class	Requirements*	Measured values**
Length	mm	L(3)	$\pm 0,6\%$ or $\pm 3 \text{ mm}^1$	-
Width	mm	W(3)	$\pm 0,6\%$ or $\pm 3 \text{ mm}^1$	-
Thickness	mm	T(1) T(0)	-5% lub -1mm ¹ ; +15% or 3mm ¹ -0; +10% or 2mm for dL<35mm -0; +15% or 3mm for dL≥ 35mm	-
Squareness	mm/m	S(5)	$\pm 5 \text{ mm}/1000 \text{ mm}$	-
Flatness	mm	P(10)	10 mm	-
Bending strength	kPa	BS50	≥ 50	-
Dimensional stability under specified temperature and humidity conditions (70° C, 48h)	%	DS(70,-)5	max 5%	-
Compressibility	mm	CP2	≤ 2	-
Dynamic stiffness	MN/1m ³	SD20	≤ 20	SD17 for 15mm; ≤ 17
The weighted reduction of impact sound pressure level	dB	SD20	$\Delta L_w = 29$	Assuming SD25 $\Delta L_w = 28$
Declared thermal conductivity	W/mK	-	0,040	-
Reaction to fire	-	E	-	-
Dimensions of the board IZOROL-SR EPS T	mm	-	2000 x 1000	-
Dimensions of the board IZOROL-SR/KL EPS T	mm	-	1000 x 1000	-

¹ Whichever gives the greatest numerical tolerance.

* According to EN 13163:2012 +A1:2015 standard

** Values measured in the Kotar laboratory under the project: " Kotar SR insulation and renovation system "

² IZOROL- SR EPS T- EPS T boards to which the polypropylene fabric is glued

³ IZOROL- SR/KL EPS T– boards with an additional layer of glue on the bottom layer, covered with siliconized foil. KL- stands for an additional adhesive layer