



DATA SHEET no 051/08

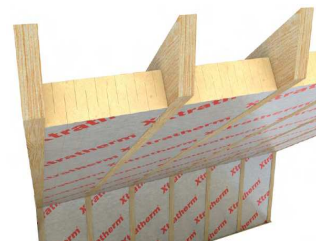
01-03-2008

Brand name

Xtratherm® Thin-R/RL (XT/RL)

Description

Width Variable pitched roof insulation board of **Polyiso** rigid polyisocyanurate foam (PIR), faced on both sides with gastight, reflective, low emissivity tri-laminate aluminium foil.



Xtratherm® XT/RL boards are (H)CFC/HFC free with ODP = 0. (Zero Ozone Depletion Potential)

The CE product delivery data are shown in the table below.

CE-Designation Code:

PIR-EN 13165- T2-DS(TH)8-CS(10\Y)80-FW2-WL(T)2

Table 1: Product delivery data **Xtratherm® XT/RL** Variable Width Pitched Roof Board

Property	Method of determination	Value
Thickness and thermal resistance	EN 13165	See table 2
Thermal conductivity coefficient	EN 13165	d_N
		λ_D 0.023 W/(m.K)
Length x width ¹⁾	EN 13165	1200 mm x 360 mm or 1200 mm x 565 mm
Fire class "reaction to fire"	EN 13501-1	Euroclass F

¹⁾ other sizes available on request, for availability and lead times contact Xtratherm B.V.

Thermal resistance and the Building Regulations: values for EPDB related calculations

Table 2 shows the thermal resistance of **Xtratherm® XT/RL** Variable Width Pitched Roof Board. Other thicknesses can be supplied upon request. The boards are standard supplied with straight edge finish. The boards are standard supplied with a slotted mechanism in the length direction of the board.

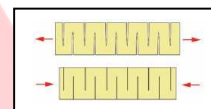


Table 2: Thickness and thermal resistance **Xtratherm® XT/RL** Variable Width Pitched Roof Board

Product Code	Thickness d_n in mm	Thermal Resistance R_D (m ² .K/W)
XTRL	50	2,15
XTRL	75	3,25
XTRL	100	4,00
XTRL	125	5,45

Examples of construction U-value calculation for the complete Pitched Roof are specified in the BBA 07/4402 Agrément Certificate. For calculations contact Xtratherm Technical Support at the number **M: +31 (0) 646196993**.



Packaging

Xtratherm® XT/RL width variable pitched roof insulation boards are supplied in polythene film-wrapped packs. The packs of insulation material should be stored with care and from the floor. If stored outside, the packs and/or boards need to be protected from the weather by means of for example, a tarpaulin. The individual panels are not further marked for top or bottom side and can be installed with both sides up or down.

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Xtratherm® Thin-R® and Polyiso are registered tradenames of Xtratherm Ltd.

