

Du.Panel X is a thermal insulation board. Its core consists of rigid polyisocyanurate PIR foam. The board is faced with an embossed white aluminium foil on one side and an embossed aluminium foil on the backside.

## Application(s)

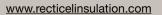
Thermal insulation for agricultural buildings

Product				
Description	Value	Unit	Tolerances	Standard
Dimensions				
Variable length	To max 15.60	m		
Width	1200, 1227 (quattro)	mm		
Thickness range	40-120	mm	T2	EN 823
Density (core volume weight)	± 30	kg/m³		
Appearance				
Facing	Embossed white aluminium f backside	oil on one side and	an embossed alumini	um foil on the
Edge finishing	Shiplapped; Quattro; Straigh	t Edges		

Essential Characteristics				
Description	Standard	EN code	Value	Unit
Thermal conductivity (declared value)				
All thicknesses	EN 13165	λ <sub>D</sub>	0.020	W/m.K
Mechanical properties				
Compressive strength at 10% deformation	EN 826	CS(10/ Y)150	≥150	kPa

Care has been taken to ensure that the content of this document is as accurate as possible. Please note that technical specifications may vary from country to country. Recticel Insulation does not accept any liability for clerical errors and reserves the right to amend information without prior notice. This document does not create, specify, modify or replace any new or prior contractual obligations agreed upon in writing between Recticel Insulation and the user.

Recticel Insulation Zuidstraat 15, 8560 Wevelgem, Belgium





## **Du.Panel X**

Description	Standard	EN code	Value	Unit
Dimensional stability under specified temperature and humidity conditions				
48 hrs 70°C, 90% RH	EN 1604	DS(70,90)3		
48 hrs -20°C	EN 1604	DS(-20,-)1		
Tensile strength perpendicular to faces	EN 1607	TR80	≥80	kPa
Fire behaviour				
Reaction to fire (product as such)	EN 13501-1	Euroclass	B s2, d0	
Hygrometric properties				
Water vapour transmission coefficient (tabulated value)	EN ISO 10456	μ	50-100	
Water absorption				
long term water absorption by total immersion	EN 12087	WL(T)2	≤2	vol-%

Insulation Values		
Thickness (mm)	λ <sub>D</sub> -value (W/m.K)	R <sub>D</sub> -value (m².K/W)
40	0.020	2.00
50	0.020	2.50
60	0.020	3.00
70	0.020	3.50
80	0.020	4.00
100	0.020	5.00
120	0.020	6.00
80 100	0.020 0.020	4.00 5.00

Standards & Certificates	
Standards	
Product standard	EN 13165:2012 + A2:2016
Production	ISO 9001:2015
Environmental management	ISO 14001:2015

Care has been taken to ensure that the content of this document is as accurate as possible. Please note that technical specifications may vary from country to country. Recticel Insulation does not accept any liability for clerical errors and reserves the right to amend information without prior notice. This document does not create, specify, modify or replace any new or prior contractual obligations agreed upon in writing between Recticel Insulation and the user.

Recticel Insulation Zuidstraat 15, 8560 Wevelgem, Belgium

www.recticelinsulation.com





Other / Misceland	eous
Production Plant	
Wevelgem	Zuidstraat 15, BE-8560 Wevelgem, Belgium
Storage	Inside, stock dry and protected from direct sunlight

Care has been taken to ensure that the content of this document is as accurate as possible. Please note that technical specifications may vary from country to country. Recticel Insulation does not accept any liability for clerical errors and reserves the right to amend information without prior notice. This document does not create, specify, modify or replace any new or prior contractual obligations agreed upon in writing between Recticel Insulation and the user.

Recticel Insulation Zuidstraat 15, 8560 Wevelgem, Belgium

www.recticelinsulation.com

