

Technical Data Sheet

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Issue: 11

Approved by: Daniel Siwec, Product Manager

Previous issues of this document are not valid

SYNTHOS XPS PRIME D

Extruded polystyrene



CHARACTERISTICS

Synthos XPS PRIME D is a thermoinsulating material, which has been given a shape of a board in the process of extrusion and direct blowing. The product is manufactured from polystyrene resin, the raw material safe for your human health and approved for use in contact with food.

It is foam of specific small and closed cell structure containing air in its internal structure.

Product does not contain flame retardant.

Product does not contain blowing agents like CFCs (chlorfluorcarbons), HCFCs (hydrochlorfluorcarbons) or HFCs (hydrofluorcarbons).

INTENDED APPLICATIONS OF BUILDING PRODUCT

Thermal insulation for buildings:

- perimeter insulation of walls below ground level
- insulation of floors and floorings
- insulation of strip footings and slab foundations
- insulation of inverted flat-roofs
- insulation of transportation routes and parking lots
- insulation of railways and tramways
- insulation of terraces, loggias and balconies
- insulation of elements of agricultural, utility and livestock buildings
- formwork
- other thermoinsulation application in construction with the accordance to the local regulations and standards

ADVANTAGES OF SYNTHOS XPS PRIME D PRODUCTS

- Excellent thermal conductivity coefficient
- Closed-cell structure
- Very low water absorption
- High compressive strength
- Easy assembling of the boards
- Suitable for complete recycling
- Due to presence of air inside the cells, thermoinsulating properties do not deteriorate in time, moreover they improve while ambient temperature decrease (due to thermal conductivity coefficient value decrease)



SYNTHOS DWORY 7 spółka z ograniczoną odpowiedzialnością

ul. Chemików 1, 32-600 Oświęcim, Polska

SYNTHOS KRALUPY a.s.

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The logo for Synthos, featuring the word 'synthos' in a lowercase, sans-serif font with a green leaf-like shape integrated into the letter 'o'.

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TECHNICAL PARAMETERS

1. THERMOINSULATING PROPERTIES

Parameter	Unit	Test method	Value for Synthos XPS PRIME					
			D 30		D 30 TB			
Thermal conductivity coefficient (λ_D) acc. to EN-13164 (10 °C)	W/(m·K) m ² ·K/W	EN 13164	λ_D max.	R_D min.	λ_D max.	R_D min.		
Thermal resistance (R_D) acc. to EN-13164 (10 °C)								
$d_N = 40\text{mm}$					0,029	1,35	-	-
$d_N = 50\text{mm}$					0,029	1,70	-	-
$d_N = 60\text{mm}$					0,031	1,90	-	-
$d_N = 80\text{mm}$					0,031	2,55	-	-
$d_N = 100\text{mm}$					0,031	3,20	0,029	3,40
$d_N = 120\text{mm}$					-	-	0,031	4,10
$d_N = 140\text{mm}$					-	-	0,031	4,50
$d_N = 150\text{mm}$					-	-	0,031	4,80
$d_N = 160\text{mm}$					-	-	0,031	5,15
$d_N = 180\text{mm}$					-	-	0,032	5,60
$d_N = 200\text{mm}$					-	-	0,032	6,25

Nominal thickness of board	Test method	Heat values in various temperatures								
		-60 °C	-40 °C	-20 °C	0 °C	10 °C	20 °C	40 °C	60 °C	70 °C
		Values of thermal conductivity coefficient, max. [W/(m·K)]								
$d_N = 40\text{mm}$	EN 14307	0,023	0,024	0,026	0,028	0,029	0,030	0,031	0,034	0,036
$d_N = 50\text{mm}$		0,023	0,024	0,026	0,028	0,029	0,030	0,031	0,034	0,036
$d_N = 60\text{mm}$		0,026	0,027	0,029	0,030	0,031	0,033	0,035	0,036	0,038
$d_N = 80\text{mm}$		0,026	0,027	0,029	0,030	0,031	0,033	0,035	0,036	0,038
$d_N = 100\text{mm}$		0,026	0,027	0,029	0,030	0,031	0,033	0,035	0,036	0,038
$d_N = 100\text{mm (TB)}$		0,025	0,026	0,027	0,028	0,029	0,030	0,032	0,034	0,037
$d_N = 120\text{mm (TB)}$		0,025	0,026	0,028	0,030	0,031	0,032	0,034	0,036	0,037
$d_N = 140\text{mm (TB)}$		0,026	0,027	0,028	0,030	0,031	0,034	0,036	0,039	0,041
$d_N = 150\text{mm (TB)}$		0,026	0,027	0,028	0,030	0,031	0,034	0,036	0,039	0,041
$d_N = 160\text{mm (TB)}$		0,026	0,027	0,028	0,030	0,031	0,034	0,036	0,039	0,041
$d_N = 180\text{mm (TB)}$		0,026	0,027	0,028	0,030	0,032	0,034	0,036	0,039	0,041
$d_N = 200\text{mm (TB)}$		0,026	0,027	0,028	0,030	0,032	0,034	0,036	0,039	0,041
			Values of thermal resistance, min. [m²·K/W]							
$d_N = 40\text{mm}$	EN 14307	1,70	1,65	1,50	1,40	1,35	1,30	1,25	1,15	1,10
$d_N = 50\text{mm}$		2,15	2,05	1,90	1,75	1,70	1,65	1,60	1,45	1,35
$d_N = 60\text{mm}$		2,30	2,20	2,05	2,00	1,90	1,80	1,70	1,65	1,55
$d_N = 80\text{mm}$		3,05	2,95	2,75	2,65	2,55	2,40	2,25	2,20	2,10
$d_N = 100\text{mm}$		3,85	3,70	3,45	3,30	3,20	3,00	2,85	2,75	2,60
$d_N = 100\text{mm (TB)}$		4,00	3,85	3,70	3,55	3,45	3,30	3,10	2,90	2,70
$d_N = 120\text{mm (TB)}$		4,80	4,60	4,25	4,00	3,85	3,75	3,50	3,30	3,20
$d_N = 140\text{mm (TB)}$		5,35	5,15	5,00	4,65	4,50	4,10	3,85	3,55	3,40
$d_N = 150\text{mm (TB)}$		5,75	5,55	5,35	5,00	4,80	4,40	4,15	3,85	3,65
$d_N = 160\text{mm (TB)}$		6,15	5,90	5,70	5,30	5,15	4,70	4,40	4,10	3,90
$d_N = 180\text{mm (TB)}$		6,90	6,65	6,40	6,00	5,60	5,25	5,00	4,60	4,35
$d_N = 200\text{mm (TB)}$		7,65	7,40	7,10	6,65	6,25	5,85	5,55	5,10	4,85

2. MECHANICAL PROPERTIES RELATED TO COMPRESSION

Nominal thickness of board	Mechanical properties					
	Compressive stress or compressive strength at deformation [kPa]			Average achieved elasticity modulus [MPa]	Average achieved elasticity modulus at 50% of the peak stress (E50)/ Kirchhoff modulus [MPa]	Compressive creep [kPa]
	10%	5%	2%			
Test method	EN 826					EN 1606 + AC
Code	CS(10\Y)	-	-	-	-	CC(2/1,5/50)
d _N = 40 - 100 mm	≥ 300	≥ 200	≥ 100	≥ 10,5	≥ 4	≥ 110
d _N = 100 - 200 mm (TB)	≥ 300	≥ 200	≥ 100	≥ 22	≥ 8,5	≥ 130

Nominal thickness of board	Resistance to cyclic compressive load				
	Square wave			Sinusoid wave	
	Deformation after 2x10 ⁶ cycles with load of 150 kPa [%]	Load to achieve 2% deformation after 2x10 ⁶ cycles [kPa]	Load to achieve 5% deformation after 2x10 ⁶ cycles [kPa]	Load to achieve 2% deformation after 2x10 ⁶ cycles [kPa]	Load to achieve 5% deformation after 2x10 ⁶ cycles [kPa]
Test method	EN 13793			EN 14307	
d _N = 40mm	≤ 2	≥ 135	≥ 200	≥ 135	≥ 200
d _N = 50mm	≤ 2,5	≥ 130	≥ 180	≥ 130	≥ 180
d _N = 60mm	≤ 3	≥ 125	≥ 170	≥ 125	≥ 170
d _N = 80mm	≤ 5	≥ 115	≥ 150	≥ 115	≥ 150
d _N = 100mm	-	≥ 110	≥ 140	≥ 110	≥ 140
d _N = 100mm (TB)	-	≥ 110	≥ 140	≥ 110	≥ 140
d _N = 120mm (TB)	-	≥ 105	≥ 135	≥ 105	≥ 135
d _N = 140mm (TB)	-	≥ 105	≥ 130	≥ 105	≥ 130
d _N = 150mm (TB)	-	≥ 100	≥ 125	≥ 100	≥ 125
d _N = 160mm (TB)	-	≥ 100	≥ 120	≥ 100	≥ 120
d _N = 180mm (TB)	-	≥ 95	≥ 110	≥ 95	≥ 110
d _N = 200mm (TB)	-	≥ 90	≥ 105	≥ 90	≥ 105

Parameter	Code	Unit	Test method	Value
Point load level for 5 mm deformation	-	N	EN 12430	≥ 2000

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3. OTHER MECHANICAL PROPERTIES

Nominal thickness of board	Mechanical properties				
	Declared tensile strength perpendicular to faces [kPa]	Bending (flexural) strength [kPa]	Shear strength [kPa]	Average achieved Poisson's ratio	Dynamic stiffness [MN/m ³]
Test method	EN 1607	EN 12089	EN 12090	EN 12090, EN 826	EN 29052-1
Code	TR	-	-	-	-
d _N = 40mm	≥ 200	≥ 500	≥ 270	0,39	380
d _N = 50mm	≥ 200	≥ 400	≥ 190	0,39	280
d _N = 60mm	≥ 200	≥ 300	≥ 140	0,39	250
d _N = 80mm	≥ 200	≥ 300	≥ 100	0,39	190
d _N = 100mm	≥ 200	≥ 250	≥ 75	0,39	150
d _N = 100mm (TB)	≥ 200	≥ 400	≥ 75	0,39	150
d _N = 120mm (TB)	≥ 200	-	≥ 55	0,39	130
d _N = 140mm (TB)	≥ 200	-	≥ 45	0,39	100
d _N = 150mm (TB)	≥ 200	-	≥ 40	0,39	90
d _N = 160mm (TB)	≥ 200	-	≥ 35	0,39	80
d _N = 180mm (TB)	≥ 200	-	≥ 30	0,39	60
d _N = 200mm (TB)	≥ 200	-	≥ 25	0,39	50

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4. HYDROPHOBIC PROPERTIES

Nominal thickness of board	Properties related to water absorption by immersion				
	Short-term water absorption max. [kg/m ³]	Short-term water absorption max. [kg/m ²]	Declared long-term water absorption by total immersion, max. [%]	Average achieved long term water absorption by total immersion, max. [%]	Freeze-thaw resistance after long-term water absorption by total immersion test - level
Test method	EN 1609		EN 12087 + A1		EN 12091
Code	-	-	WL(T)	-	FTCI
d _N = 40mm	0,35	0,01	0,7	0,25	1
d _N = 50mm	0,35	0,01	0,7	0,25	1
d _N = 60mm	0,35	0,02	0,7	0,25	1
d _N = 80mm	0,35	0,02	0,7	0,25	1
d _N = 100mm	0,35	0,03	0,7	0,25	1
d _N = 100mm (TB)	0,35	0,03	0,7	0,25	2
d _N = 120mm (TB)	0,35	0,04	0,7	0,25	2
d _N = 140mm (TB)	0,35	0,04	0,7	0,25	2
d _N = 150mm (TB)	0,35	0,05	0,7	0,25	2
d _N = 160mm (TB)	0,35	0,05	0,7	0,25	2
d _N = 180mm (TB)	0,35	0,06	0,7	0,25	2
d _N = 200mm (TB)	0,35	0,06	0,7	0,25	2

Nominal thickness of board	Properties related to water absorption by diffusion		
	Long-term water absorption by diffusion, max. [%]	Freeze-thaw resistance after long-term water diffusion test - level	Water vapour diffusion resistance acc. to EN-ISO 10456
Test method	EN 12088	EN 12091	EN 12086
Code	WD(V)	FTCD	-
d _N = 40mm	4	1	150
d _N = 50mm	3	1	150
d _N = 60mm	2	1	150
d _N = 80mm	2	1	150
d _N = 100mm	1	1	150
d _N = 100mm (TB)	1	2	150
d _N = 120mm (TB)	1	2	150
d _N = 140mm (TB)	1	2	150
d _N = 150mm (TB)	1	2	150
d _N = 160mm (TB)	1	2	150
d _N = 180mm (TB)	1	2	150
d _N = 200mm (TB)	1	2	150

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5. OTHER PARAMETERS

Parameter	Code	Unit	Test method	Value or feature
Finishing of the surface	-	-	-	smooth
Finishing of the edges	-	-	-	L – Half-lapped edges
Thickness with tolerance T1 ¹⁾	T1	mm	EN 823	40, 50, 60, 80, 100, 100 (TB), 120 (TB), 140 (TB), 150 (TB), 160 (TB), 180 (TB), 200 (TB)
Length	-	mm	EN 822	1250 (+/-8)
Width	-	mm		600 (+/-8)
Squareness on length and width	-	mm/m	EN 824	5
Flatness on length and width	-	mm/m	EN 825	6
Density	-	kg/m ³	EN 1602	32 - 35
Dimensional stability under specified conditions – 90% relative humidity and 70 °C ²⁾	DS(70,90) DS(TH)	%	EN 1604 + AC	5
Deformation under specified compressive load and temperature conditions, at load 40 kPa and temperature 70 °C	DLT(2)	%	EN 1605	5
Global Warming Potential (GWP) of cellular gas	-	mm/m·K	EN 14581	< 0,08
Ozone Depletion Potential (ODP) of cellular gas				
Linear coefficient of thermal expansion				
- longitudinally				< 0,05
- crosswise	-	-	-	< 5
- via thickness	-	-	-	0
Reaction to fire – class	-	Euroclass	EN 13501-1+A1	F
Durability of reaction to fire	-	-	-	Does not deteriorate in time
Average achieved open cells content	-	%	EN ISO 4590	5
Minimal service temperature	-	°C	ČSN 640149	> 400
Maximum service temperature	-	°C	EN 14309	-60
Flashpoint	-	°C	EN 14706	+70 ²⁾
Fungus resistance	-	-	EN ISO 846	The material does not serve as a source for the growth of fungi
Resistance against XA1 aggressive environment (acc. to EN 206-1) at temperature (23±2) °C – change of weight after 8 weeks of exposition and drying into constant mass	-	%	EN ISO 175	< 0,6

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1) Thickness tolerance T1: $d_N < 50\text{mm}$ (-2/+2); $50 \leq d_N \leq 120$ (-2/+3); $d_N > 120$ (-2/+6)

2) Dimensional stability parameter is declared for following conditions: temperature up to 70 °C and ambient relative humidity level up to (90±5)%. SYNTHOS S.A. does not declare keeping dimensional stability by Synthos XPS PRIME D in conditions of temperature higher than 70 °C, and at the same time ambient relative humidity level higher than 90%.

6. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS

Regulation	Version	Value - Synthos XPS PRIME D
EU Taxonomy	Regulation (EU) 2020/852 of the European Parliament and of the Council of 18 June 2020 on the establishment of a framework to facilitate sustainable investment	Pass
French VOC regulation	DEVL1101903D and DEVL1104875A Regulation of March and May 2011	A+
French CMR components	DEVP0908633A and DEVP0910046A Regulation of April and May 2009	Pass
Italian CAM	Regulation of the Minister of 24 November 2025 – Minimum environmental criteria for construction	Premium score
ABG/AgBB	uidelines of the Committee for the Health Assessment of Construction Products, September 2024	Pass
Belgian regulation	C-2014/24239 Royal Decree of May 2014	Pass
Indoor Air Comfort	Indoor Air Comfort v2026 of January 2026	Pass
Indoor Air Comfort GOLD	Indoor Air Comfort GOLD v2026 of January 2026	Pass
Blue Angel (DE-UZ 132)	Low-Emission Thermal Insulation Material and Suspended Ceilings for Use in Buildings, January 2020	Pass
BREEAM International	BREEAM International New Construction v6.0 (2021)	Exemplary level
BREEAM NOR	BREEAM NOR v 6.1.1 New Construction (2024)	Exemplary level
LEED V4.1. BETA (poza USA)	LEED v4.1.BETA for Building Design and Construction (November 2025)	Pass
WELL V2	WELL V2, Q2 2025	Pass
M1 Emission Classification of Building Materials	M1- Protocol for Chemical and Sensory Testing of Building Materials. Version of 2024	Pass
CDPH	CDPH/EHLB/Standard Method v1.2. (January 2017)	Pass

CONDITIONS FOR SAFE TRANSPORT, STORAGE AND USE

Synthos XPS PRIME D boards, like all polystyrene products:

1. degrade under the influence of sunlight, resulting in surface deformation, structural degradation, dimensional change and loss of flatness and squareness;
2. also degrade during direct contact with heat sources at temperatures above 70 °C, resulting in deformation or even melting;
3. are flammable, may burn violently if exposed to open flame;
4. dissolve in direct contact with substances that have a destructive effect on polystyrene and other preparations containing such organic compounds.

The manufacturer does not declare that Synthos XPS PRIME D will maintain dimensional stability in conditions with a temperature above 70 °C and relative humidity > 90%.



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TRANSPORTATION

Synthos XPS PRIME D boards must be transported using means of transport that meet the requirements of the regulations in force in country of delivery and country of transport routes, as well as ensure the safety of road users and workers on the construction site. In addition, they must ensure the conditions of transport of materials that guarantee the maintenance of their required quality. Synthos XPS transported in this way does not pose a threat to human safety.

STORAGE

It is recommended:

1. The product should be stored in ventilated buildings, preferably roofed.
2. If the product must be stored outdoors for a long time, it should be protected by covering the surface exposed to radiation with a light material.
3. The product cannot be stored in buildings where flammable and volatile products are stored.
4. At every stage of storage, transport, assembly and use of the product, contact with open flames or heat sources should be strictly avoided.

USE

Basic occupational health and safety rules, fire safety rules and job instructions at the workplace must be followed.

When using the product, do not eat or drink at work. Wear appropriate work clothes. If necessary, use personal protective equipment.

During mechanical or manual processing (cutting) dust may be generated. Therefore, ventilation of the workplace should be ensured if it is in a closed place.

When cutting with a resistance wire, the material may catch fire.

Synthos XPS PRIME D boards cannot be used in direct contact with substances that have a destructive effect on polystyrene or other preparations containing such organic compounds.

List of chemical substances to which Synthos XPS PRIME D boards are not resistant:

Group of substances	Example
Substances from the halogen group	Chlorine, bromine
Aliphatic hydrocarbons	Propylene, butadiene
Halogenated aliphatic hydrocarbons	Chloroform
Aromatic hydrocarbons	Benzene, toluene, xylene, phenol, naphthalene
Aldehydes	Formaldehyde
Ketones and ethers	Acetone, methyl ethyl ketone (MEK), diethyl ether, tetrahydrofuran
Anhydrides and esters	Acetic anhydride, ester solvents
Organic nitrogen compounds (amides, amines, nitriles)	Acrylonitrile, aniline
Petroleum fractions	Gasoline, diesel, heating oil

BASIC ASSEMBLY RULES

It is recommended that:

1. If boards are exposed to sunlight during installation, they should be protected against bright non-transparent material.
2. In the case of gluing the product, the surface should be rough, roughened by means of a takir to styrofoam.



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3. Installing the product at low ambient temperatures requires free space between the boards to maintain proper dilatation.
4. It is recommended to use solvent-free adhesives for fixing the boards. Before use, check whether the adhesive can be used for polystyrene foam.

Detailed guidelines for product installation can be found in the instructions available at www.synthosxps.com:

1. Technical specification for the execution and acceptance of construction works using Synthos XPS extruded polystyrene
2. Implementation details for construction works using Synthos XPS extruded polystyrene
3. Catalogs of material costs - thermal insulation using Synthos XPS extruded polystyrene
4. Auxiliary tables for dimensioning - thermal insulation using Synthos XPS extruded polystyrene.

RESPONSIBILITIES AND DURABILITY OF THE ESSENTIAL CHARACTERISTICS OF THE PRODUCT

Responsibilities

Technical data contained in this document are for information purposes and are based on the current state of knowledge and experience of the Manufacturer. The information provided (technical data) may not be used for mixtures of the Manufacturer's product with other substances.

The product should be transported, stored and used in accordance with applicable regulations, these guidelines and good occupational hygiene practices.

The use of the information provided, as well as the use of the product, are not controlled by the Manufacturer, therefore the determination of the conditions of safety of use is the responsibility of the buyer.

The producer is not responsible for the product being intended by the buyer for the purpose he chooses, the product is assembled by the buyer and the product is managed by the buyer.

Durability of the essential characteristics of the product

In accordance with the European harmonized standard EN 13164 below are the permitted reference to the durability of material properties:

1. Durability of reaction to fire as a function of heat, weather conditions, aging and degradation and high temperature

Reaction to fire of Synthos XPS PRIME D does not change up to the maximum application temperature, ie 70 °C.

2. Durability of thermal resistance as a function of heat, weathering, aging and degradation

The given declared values for Synthos XPS PRIME D are based on the so-called an aging procedure simulating the behaviour at infinity, and confirming the durability of the thermal resistance and the thermal conductivity over time, therefore these are limit values. The actual value is always much lower than the declared value.

The durability of the resistance associated with the absorption of water by Synthos XPS PRIME S is guaranteed by meeting the following parameters:

- freeze-thaw resistance after long-term water diffusion test
- freeze-thaw resistance after long-term water absorption by total immersion test

For Synthos XPS PRIME D products, the level of absorbed water in both tests will not exceed 1 or 2 % respectively.



Changes in the thickness of Synthos XPS PRIME D that may affect the value of thermal resistance are guaranteed based on the parameters:

- dimensional stability under specific conditions - Synthos XPS PRIME S products do not show dimensional changes (length, width, thickness) greater than 5% in the 70 °C test and 90% relative humidity;
- deformation under specified compressive load and temperature conditions, at load 40 kPa and temperature 70 °C - Synthos XPS PRIME D products show a value of less than 5%.

3. Durability of compressive strength under aging or degradation

The durability of the compressive strength as a result of exposure to external conditions is guaranteed by meeting the following parameters:

- freeze-thaw resistance after long-term water diffusion test
- freeze-thaw resistance after long-term water absorption by total immersion test

For Synthos XPS PRIME D products, the value of compressive strength is not reduced by more than 10% in both tests.

The durability of the compressive strength as a result of many years of static loading is guaranteed by the guarantee of maximum thickness reduction (deformation of the product) due to compression creep.

Synthos XPS PRIME D 30 shows the following declared levels

CC(2/1.5/50)110 for PRIME D 30

CC(2/1.5/50)130 for PRIME D 30

what means that after **50** years of application: not more than **1.5%** of creep with a deformation of not more than **2%** for the declared stress **110/130** kPa.

The condition of keeping of the essential characteristics by the product is to follow the guidelines:

1. Synthos XPS PRIME D should be stored according to the guidelines in this document, see SAFE ASSEMBLING AND STORAGE CONDITIONS
2. Synthos XPS PRIME D should be used in accordance with the applicable product technical documentation issued by the Manufacturer, in force at the time of its production. Through the technical documentation it is understood this document and the declarations of performance.
3. The construction project is in line with current building regulations in country of construction in force at the date of sale of Synthos XPS PRIME D.
4. Work with Synthos XPS PRIME D are carried out in accordance and accurately according to the construction project.
5. The building is used as intended.
6. The building is kept in good order.



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PACKING OF SYNTHOS XPS PRIME D

Basic packaging unit – package in PE film packaging. Basic form of a loading unit with given number of packages on it, set on polystyrene-foam beams, wrapped with a PE film.

Table data given for goods with nominal dimensions 1250x600 mm

Board:

Dimensions of board in transportation [mm]		
Finishing of the edges	Length	Width
L	1265	615

Package:

XPS board thickness [mm]	XPS board thickness [mm]	No. of boards in a package [pcs.]	Insulation surface in a package [m ²]	Number of packages in loading unit [pcs.]
40	10	7,5	0,300	0,40
50	8	6	0,300	0,40
60	7	5,25	0,315	0,42
80	5	3,75	0,300	0,40
100	4	3	0,300	0,40
120	4	3,0	0,360	0,48
140	3	2,25	0,315	0,40
150	3	2,25	0,338	0,45
160	3	2,25	0,360	0,48
180	2	1,5	0,270	0,36
200	2	1,5	0,300	0,40

Dimensions of package in transportation [mm]			
Finishing of the edges	Length	Width	Height
L	1265	615	Depends on thickness, see table earlier



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Loading unit:

XPS board thickness [mm]	No. of packages in a loading unit [pcs.]	No. of boards in a loading unit [pcs.]	Insulation surface in a loading unit [m ²]	Volume in a loading unit [m ³]	Loading unit height, including beams [m]
40	12	120	90	3,60	2,48
50	12	96	72	3,60	2,48
60	12	84	63	3,78	2,60
80	12	60	45	3,60	2,48
100	12	48	36	3,60	2,48
120	10	40	30	3,60	2,48
140	12	36	27	3,78	2,60
150	10	30	22,5	3,38	2,33
160	10	30	22,5	3,60	2,48
180	14	28	21	3,78	2,60
200	12	24	18	3,60	2,48

Dimensions of a loading unit in transportation [mm]

Finishing of the edges	Length	Width	Height
L	1265	1230	Depends on thickness, see table earlier

MANUFACTURER

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