



Overprint for easy
assembly



Pipe fixing using
clamps



Quick assembly

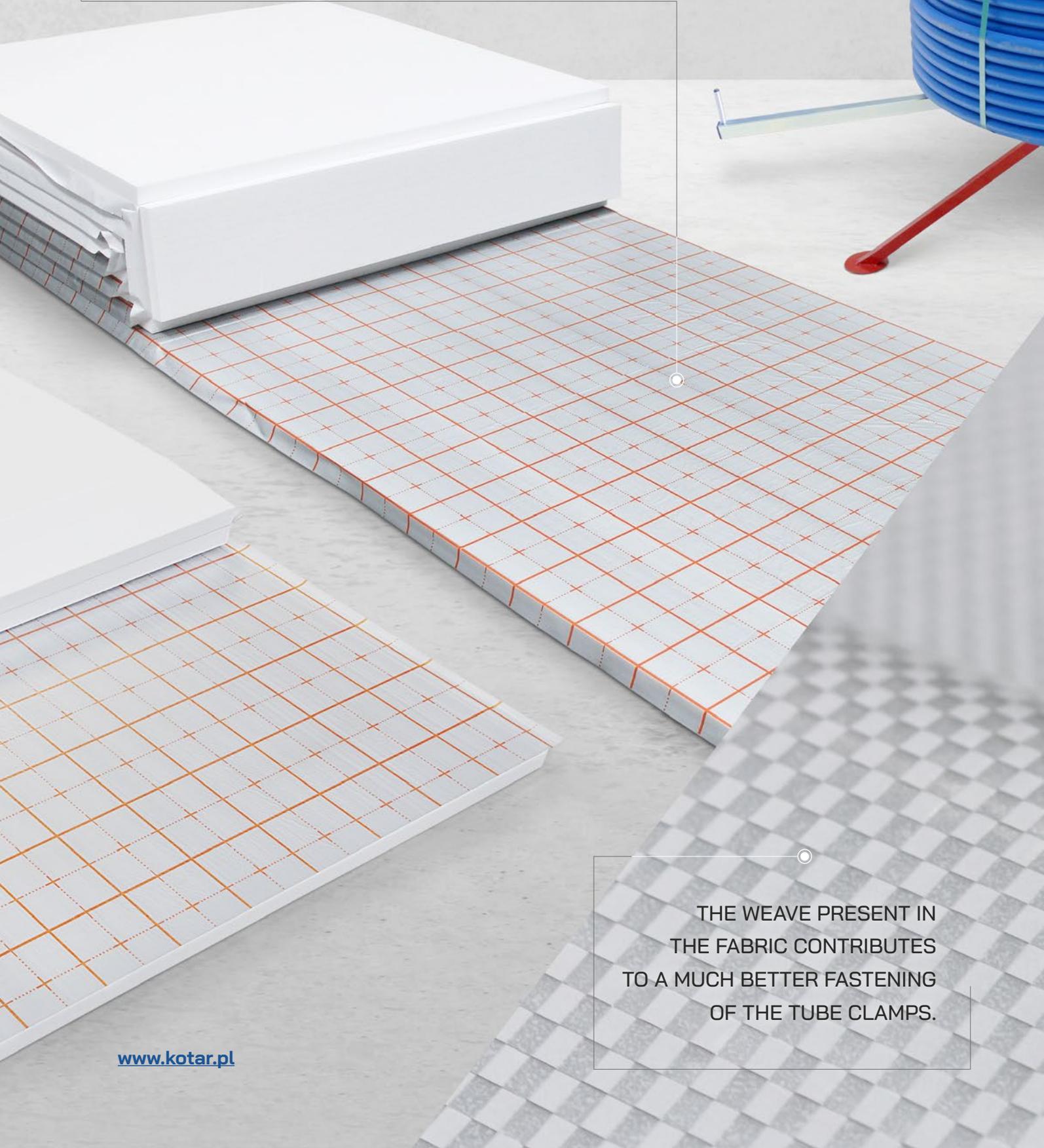


Heavy-duty
fabrics



KOTAR
MANUFACTURER OF INSULATION MATERIALS

Insulation Boards **IZOROL-PP**

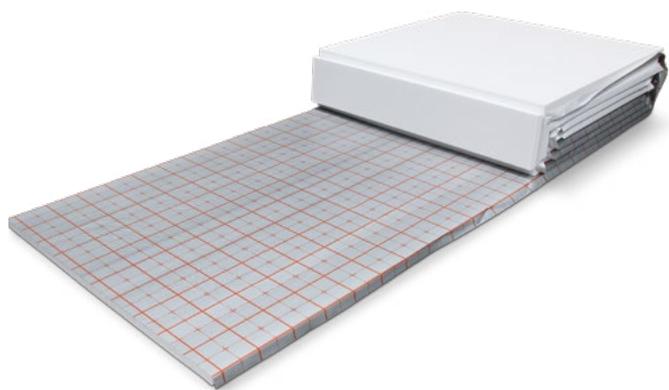


THE WEAVE PRESENT IN
THE FABRIC CONTRIBUTES
TO A MUCH BETTER FASTENING
OF THE TUBE CLAMPS.

Insulation Boards **IZOROL-PP**

The main advantage of Izorol-PP boards is their top endurance of the surface (fabric) to tearing. It is of great importance in case of single-layer pipes requiring harder anchoring in insulation.

The boards are made of bands of expanded polystyrene covered on one side with polypropylene fabric coated with polypropylene.



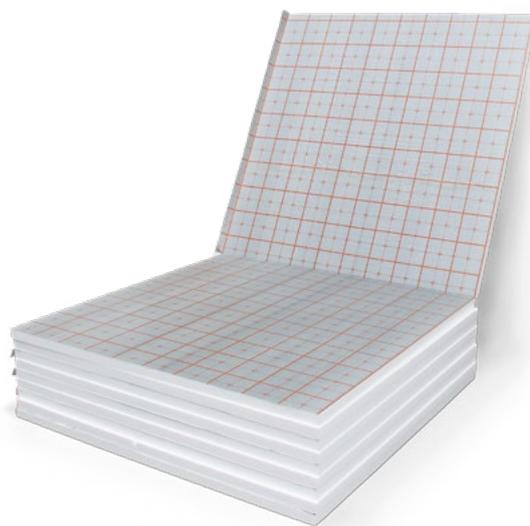
Insulation Boards **IZOROL-PP PACK**

Izorol-PP pack insulation boards were developed with view to facilitate transport and storage of the boards, as well as to improve their visual properties.

Length:	Width:	Thickness:
10m	1m	20 - 35mm



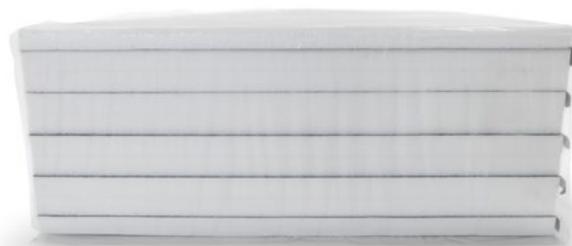
This package procedure is available for all types of expanded polystyrene (EPS 100, EPS 200, EPS T 040, EPS T 045), with thickness ranging 20 - 35mm.



Insulation Boards **IZOROL-PP DUO**

IZOROL-L duo insulation boards are made of two uncut expanded polystyrene boards size 1m x 1m.

Length:	Width:	Thickness:
2m	1m	15 - 40mm

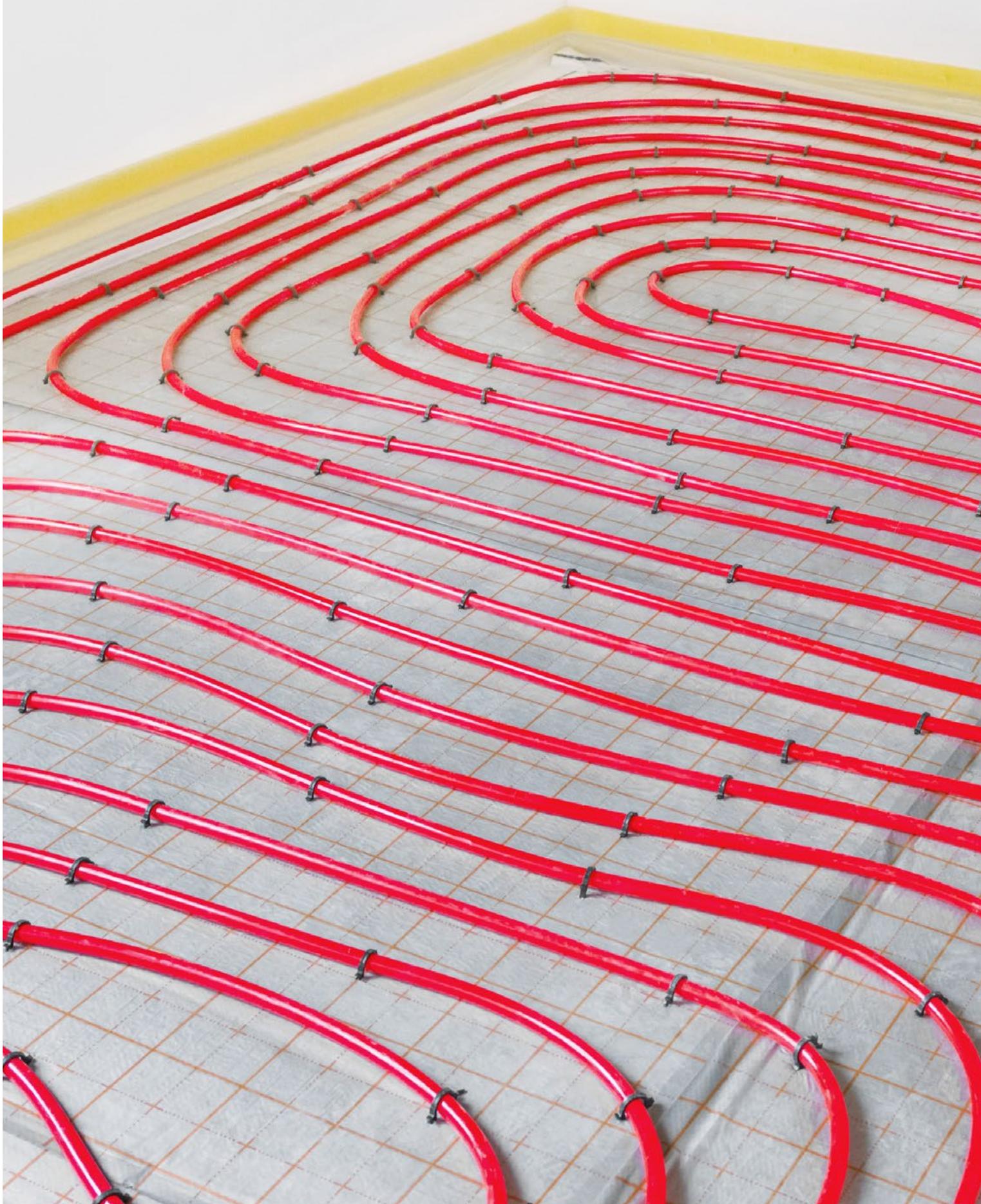


This package procedure is available for all types of expanded polystyrene (EPS 100, EPS 200, EPS T 040, EPS T 045) for each available thickness of boards.

The multipack contains 5 pieces, each 2m².

TECHNICAL
PARAMETERS
→

To facilitate mounting heating pipes the top surface has imprint of straight, dotted and dashed lines.





The boards are wrapped in PE foil that protects the boards against damage during transport and storage.

TECHNICAL PARAMETERS



Insulation Boards
IZOROL-PP pack



Insulation Boards
IZOROL-PP duo

PROPERTY	UNIT	CLASS	REQUIREMENTS
Length	mm	L(3) L(2)	- 1% ; + is not limited ± 2mm
Width	mm	W(2) W(3)	± 2mm ± 0,6% or ± 3 mm
Thickness	mm	T(2) T(1) T(0)	± 2 mm ± 1 mm -0; +10% or 2mm for dL < 35mm -0; +15% or 3mm for dL ≥ 35mm
Squareness	mm/m	S(5) S(2)	± 5 mm/1000 mm ± 2 mm/1000 mm
Flatness	mm	P(10) P(5)	± 10 mm ± 5 mm
Bending strength	kPa	BS50 BS150 BS250	≥ 50 ≥ 150 ≥ 250
Compression stress levels at 10% relative deformation	kPa	CS(10)100 CS(10)200	≥ 100 ≥ 200
Dimensional stability in normal constant laboratory conditions	%	DS(N)5	± 0,5
Dimensional stability in set temperature conditions (70° C, 48h)	%	DS(70,-)2	max 2
Deformation in set compression load and temperature: Load: 20 kPa, temperature: 80 ± 1°, time: 48 ± 1h Load: 40 kPa, temperature: 70 ± 1°, time: 168 ± 1h	%	DLT(1)5 DLT(2)5	≤ 5 ≤ 5
Compressibility	mm	CP2 CP3	≤ 2 ≤ 3
Dynamic stiffness	mMN/m³m	SD 15,20,25,30	≤ 15 ≤ 20 ≤ 25 ≤ 30
Declared thermal conductivity EPS 100, EPS 200, EPS T 040, EPS T 045	W/mK		0,038, 0,034, 0,040, 0,045
Fire reaction		E	

IZOROL-PP BOARDS ARE MADE THE FOLLOWING BOARDS IN ACCORDANCE WITH EN 13163:

IZOROL-PP EPS 100 insulation boards
EPS-EN 13163 T(2)-L(3)-W(3)-S(5)-P(10)-BS150-CS(10)100-DS(N)5-DS(70,-)2-DLT(1)5
IZOROL-PP EPS 200 insulation boards
EPS-EN 13163 T(1)-L(2)-W(2)-S(2)-P(5)-BS250-CS(10)200-DS(N)5-DS(70,-)2-DLT(2)5
IZOROL-PP EPS T 040 insulation boards
EPS-EN 13163 T(0)-L(3)-W(3)-S(5)-P(10)-BS50-DS(N)5-SD(25-30)-CP2
IZOROL-PP EPS T 045 insulation boards
EPS-EN 13163 T(0)-L(3)-W(3)-S(5)-P(10)-BS50-DS(N)5-SD(15-20)-CP3

FOLLOW US



30 years KOTAR

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