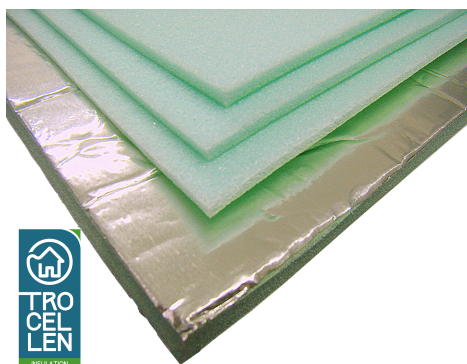


EIZ Polyethylene EURO CLASS



Description

Chemically cross-linked closed-cell PE insulation, self-adhesive, with durable thermal insulation performance in compliance with fire protection and energy-saving regulations, offering enhanced performance.

Suitable for acoustic and thermal insulation of air ducts and large-diameter HVAC piping; reduces heat loss and, thanks to its closed-cell structure, prevents condensation.

Adhesive TROCELLEN EIZ-CE

- Chemically cross-linked closed-cell expanded polyethylene, self-adhesive.
- Marking: CE Euroclass (CPR) B-s2,d0 and BL-s1,d0 according to the European standard (PEF) EN 14313:2009.
- Thickness range from 3 to 12 mm.

Adhesive TROCELLEN EIZ-ALU

- Multilayer polyethylene externally finished with a smooth aluminum foil.
- Marking: CE Euroclass (CPR) B-s2,d0 and BL-s1,d0 for thicknesses up to 14 mm.
- Marking: CE Euroclass (CPR) C-s2,d0 and BL-s1,d0 for thicknesses from 15 to 24 mm, according to the European standard (PEF) EN 14313:2009.
- Thickness range from 3 to 24 mm.

Adhesive TROCELLEN EIZ-ALU-S-CE :

- Multilayer polyethylene externally finished with a smooth aluminum foil.
- Marking: CE Euroclass (CPR) B-s2,d0 and BL-s1,d0 according to the European standard (PEF) EN 14313:2009.
- Thickness range from 15 to 16 mm.

Advantages

Advantages of EIZ – Trocellen polyethylene insulation:

- Excellent barrier to prevent condensation;
- Thermal conductivity (λ) constant and durable over time (0.035 W/mK);
- Designed for fire resistance: reaction-to-fire classification up to B-s2,d0; no dripping during combustion;
- Very low smoke toxicity and opacity in case of fire;
- Effective acoustic insulation;
- Chlorine-free – no risk of contact corrosion;
- Formaldehyde-free;
- Safe – non-toxic, hypoallergenic, mold-resistant;
- Self-adhesive, easy to install.

Use

The most common uses of rolls are:

- Insulation of ducts and tanks;
- Insulation of large-diameter pipes;
- Adhesive gaskets.

Technical Data

Technical Specifications	Norma	Unit of Measurement	EIZ-CE	EIZ-ALU	EIZ-ALU-S-CE
Thermal conductivity coefficient at 0°C (λ) (12 mm)	EN 12667	W/mK	0,0352	0,0358	0,0355
		kcal/mh°C	0,0303	0,0308	0,0305
Thermal conductivity coefficient at 40°C (λ) (12 mm)	EN 12667	W/mK	0,0429	0,0435	0,0424
		kcal/mh°C	0,0369	0,0374	0,0365

Dimensions and Price List

Thickness (mm)	Height (mm)	Roll Length (m)	Roll Size (m²)	EIZ – TROCELLEN CE Euroclass	EIZ-ALU – TROCELLEN CE Euroclass	EIZ-ALU-S – TROCELLEN CE Euroclass
				Eur/m²	Eur/m²	Eur/m²
3	1500	50	75	-	-	-
6	1500	50	75	-	-	-
8	1500	50	75	-	-	-
10	1500	40	60	-	-	-
12	1500	30	45	-	-	-
14	1500	30	45	-	-	-
15	1500	30	45	-	-	-
16	1500	30	45	-	-	-
20	1500	20	30	-	-	
24	1500	15	22.5	-	-	