

THERMANO

KEEP WARM



Product Catalogue



thermano.eu

BALEXMETAL
WE BUILD TOGETHER

THERMANO insulation on cavity walls

XI

Technical specifications

Product technical criteria	Product technical parameters
Standard	EN 13165:2001
Maximum strength	Compressive strength at 200 kPa (10% deformation)
Tensile strength	TR70
Thermal conductivity coefficient (ageing lambda)	$\lambda_b = 0,023 \text{ W/mK}$
Bulk density	$\sim 30 \text{ kg/m}^3$
Resistance to water vapour penetration	$\mu = 50-100$
Absorbability	$\leq 2\%$
Fire reaction class	Euroclass E (EN ISO 11925-2)

Directive 2012/31/EU compliant.

THERMANO panel, TOP joint

Overall width: 1,200 mm; covering width: 1,185 mm;
covering length: 585 mm; overall length: 600 mm

THERMANO panel, MASTER joint

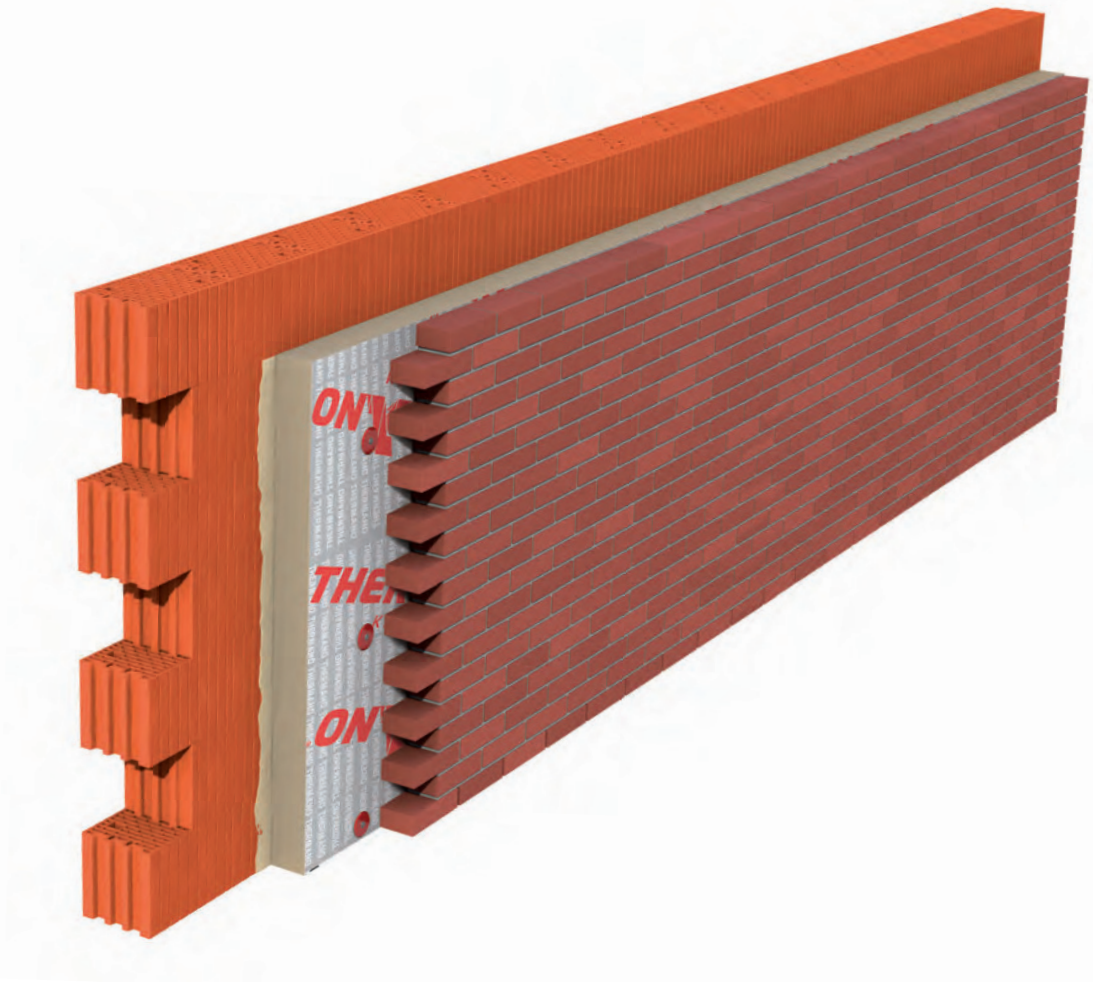
Overall width: 1,200 mm; covering width: 1,190 mm;
covering length: 590 mm; overall length: 600 mm



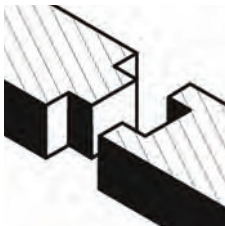
Thickness [mm]	U* [W/m ² K]	R** [m ² K/W]	Unit sold	Panels / pack	Overall m ² / pack	Overall m ³ / pack
40	0,58	1,74	Pack	15	10,80	0,43
50	0,46	2,17	Pack	12	8,64	0,43
80	0,29	3,48	Pack	7	5,04	0,40
100	0,23	4,35	Pack	6	4,32	0,43
120	0,19	5,22	Pack	5	3,6	0,43
140	0,16	6,09	Pack	4	2,88	0,40

* Insulation index

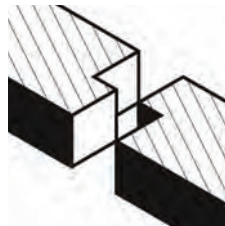
** Thermal resistance



Panel joints



MASTER joints



TOP joints

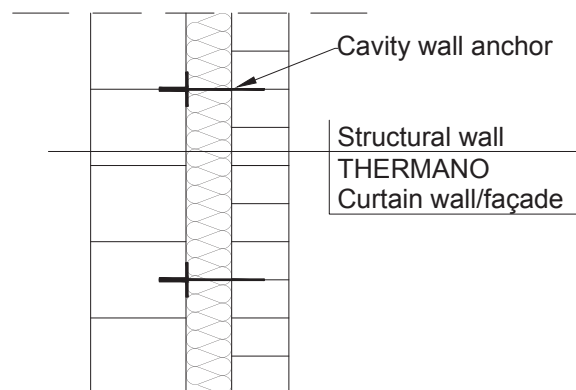
Application

- » **Cavity (double brick) walls** and **basement walls** of new and refurbished buildings

Terms of delivery

- » The THERMANO products are sold from the manufacturer's warehouse in packs.
- » Selected thickness options are also available for 600 x 1,200 mm panels.
- » Selected thickness and size options are also available with the master and basic joints.
- » Non-standard panel sizes (length: 2,400 to 5,000 mm) and other joint styles are available on custom order.
- » The minimum order quantity for custom products is 2,000 m² of overall product area in one thickness option, one joint style and any length within the available range.
- » Free shipping costs on orders for a minimum of 8 packs sized 1,200 x 2,400 mm
- » See the detailed provisions in General Terms & Conditions of Sale on www.balex.eu

Installation detail of cavity (double brick) walls



THERMANO

KEEP WARM

BALEX METAL Sp. z o.o.

HEADQUARTERS
ul. Wejherowska 12C
84-239 Bolszewo, Poland

T +48 58 778 44 44
F +48 58 778 44 48

kontakt@balex.eu
www.balex.eu

kontakt@thermano.eu
www.thermano.eu

Index 2016-01-04 EN

This information is up-to-date as of the day of its publication. In accordance with Balex Metal's policy on continuous improvement, this information is not binding and may be changed without prior notice. Balex Metal reserves the right to introduce changes to the versions of the presented products.

thermano.eu

 **BALEXMETAL**
WE BUILD TOGETHER