

High quality, innovative energy and cost savings

# Insulation, the smart way

by ISOBOOSTER®

**ISOBOOSTER**®

Insulation, the smart way!



Insulation the smart way, because...

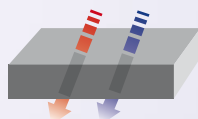
# I am thin, I am safe, I am ISOBOOSTER®



- ✓ Comfort ++
- ✓ Thin; 24 of 40 mm
- ✓ User friendly
- ✓ Multi usage
- ✓ No irritation to skin and airways
- ✓ Light (350 gr/m<sup>2</sup>)
- ✓ Robust material
- ✓ Condensation free
- ✓ Sound absorption up to 20 dB(A)
- ✓ Insect- and rodent 'proof'
- ✓ Recyclable
- ✓ Safe
- ✓ 10 year guarantee



ISOBOOSTER® is an innovative, high quality, multi-layered insulation foil. It is built up of multiple lairs of aluminium foil, alternated with air pockets. The unique insulation technique is based on thermal reflection. Thermal reflection is the ability to reflect cold and heat effortlessly. In contrast to the traditional thick insulation materials that absorb heat, ISOBOOSTER® reflects the cold and heat.



Traditional absorbent insulation



Reflective ISOBOOSTER® insulation

## Why ISOBOOSTER® is simply the smartest choice

Due to its thin nature, ISOBOOSTER® is easy to apply in every insulation job. When tailoring the material, no fibres or dust are released. With ISOBOOSTER® you therefore now have an excellent alternative and smart insulation solution. ISOBOOSTER® stands for: super insulation, comfort, light (350 gr/m<sup>2</sup>), user friendly, no irritation to skin and airways. Furthermore, ISOBOOSTER® is affordable.

## ISOBOOSTER® Assortment

ISOBOOSTER® is available in two thicknesses: 24 mm and 40 mm. A role of ISOBOOSTER® is 1,2 m wide and has a length of 12,5 m. Due to the built-in overlay of 5 cm you can easily assemble the strips along side or under each other seamlessly. Using the special tape, which is also available to order, you can secure the seams. Every role is delivered with a cardboard tube in the middle for stability and protective cardboard disks on both ends.





# New build and renovation



- Super insulation
- Comfort
- Light (350 gr/m<sup>2</sup>)
- User friendly
- Safe
- Thin

ISOBOOSTER® is suitable for new build and renovation, for the insulation of roofs, walls, cavities and floors. In the pictures below, you can see examples of how you can use and apply ISOBOOSTER® and save time and money.

walls,

floors/crawl spaces, roofs,

garages,

... the whole house!



# Datasheet

## R - Value

We compare ISOBOOSTER® to other insulation materials with the well-known R-value; calculated in accordance with international standard ISO 6946.

24 mm ISOBOOSTER® R-value: 2,4 m<sup>2</sup> K/W

40 mm ISOBOOSTER® R-value: 3,4 m<sup>2</sup> K/W

## Guarantee

We offer a 10 year guarantee on ISOBOOSTER®.

The aging test shows an indication of a minimum of 70 years at temperatures of 20°C.

## Fire classification

Based on EN 13501-1: Euro class B-s1-d0 in combination with a 9,5 mm plasterboard.

## Product

ISOBOOSTER®: 24 en 40 mm.

Thermal insulation. Patented built-up of infrared permeable, thermal stabilised PE and reflective foil on the basis of PET and aluminium.

## IR - Transmission

The infrared transmission of a plastic varies with the wavelength and is proportional to the thickness of the plastic. To reach optimal spectral transmission in combination with durability, a special production recipe was put together.

## Characteristics

- Emissivity 0.03
- Reflection of aluminised side/ Tobias densitometer 3,5
- Metal adhesion / tape test → 95%-
- Quality assurance ISO 9001 (registered)

## Packaging

T1: - length and with of role: 12500 mm \* 1200 mm  
- weight 350 g/m<sup>2</sup> - thickness 24 mm

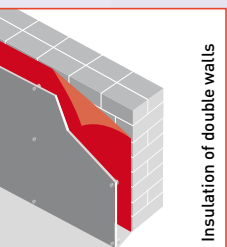
T2: - length and with of role: 12500 mm \* 1200 mm  
- weight 600 g/m<sup>2</sup> - thickness 40 mm

## CE

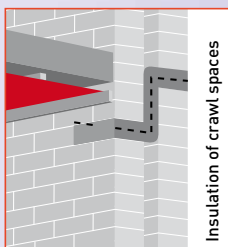
In accordance with Construction Products Directive 89/106/EEG.

## In general

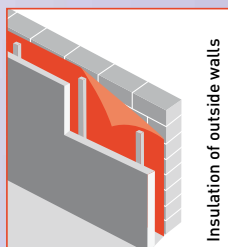
ISOBOOSTER® must be installed with equivalent damp-proof screens. Ventilation is critical for both reflection and to prevent condensation in the construction, where ISOBOOSTER® is applied. During the winter, ISOBOOSTER® keeps the heat inside whilst during the summer ISOBOOSTER® keeps the heat out! Protect your eyes with sunglasses whilst working in the sun. Keep an airshaft in mind when combining ISOBOOSTER® with other insulation materials. Visit [www.iso booster.eu](http://www.iso booster.eu) for additional information and / or questions.



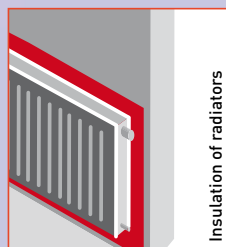
Insulation of double walls



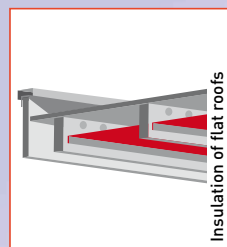
Insulation of crawl spaces



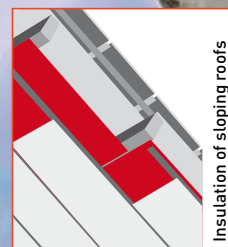
Insulation of outside walls



Insulation of radiators



Insulation of flat roofs



Insulation of sloping roofs

ISOBOOSTER® is suitable for new construction and renovation, with insulation of roofs, internal walls, cavity walls and floors.

[www.iso booster.eu](http://www.iso booster.eu)



The contents of this folder can under no circumstances give cause to legal actions and are for the sole purpose of information.