

General Information

Installation Manual

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DISCLAIMER:

The information in this document is based on our current state of technical knowledge. Due to the variety of possible influences during installation and combination of products, the insulator is responsible for any necessary verification of certain information. For the current technical product specifications, we refer to the relevant products and the related datasheets. Any copy, duplication or reprint requires a written agreement by Thermaflex International Holding bv.

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01. General information

The purpose of our product is to fill structural spaces occurring, among others, in screeds, large panel constructions, installation of windows, doors, etc.

General Properties

Appearance: grey, semi rigid, closed cell polyolefin plastic foam, available in a wide variety of types.

Odour: odourless

Softening range: >70°C

Autoflammability: >300°C

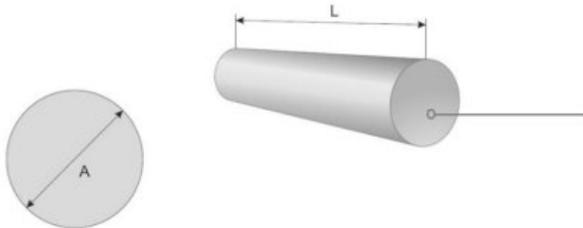
Thermal decomposition: >160°C

Explosive properties: none

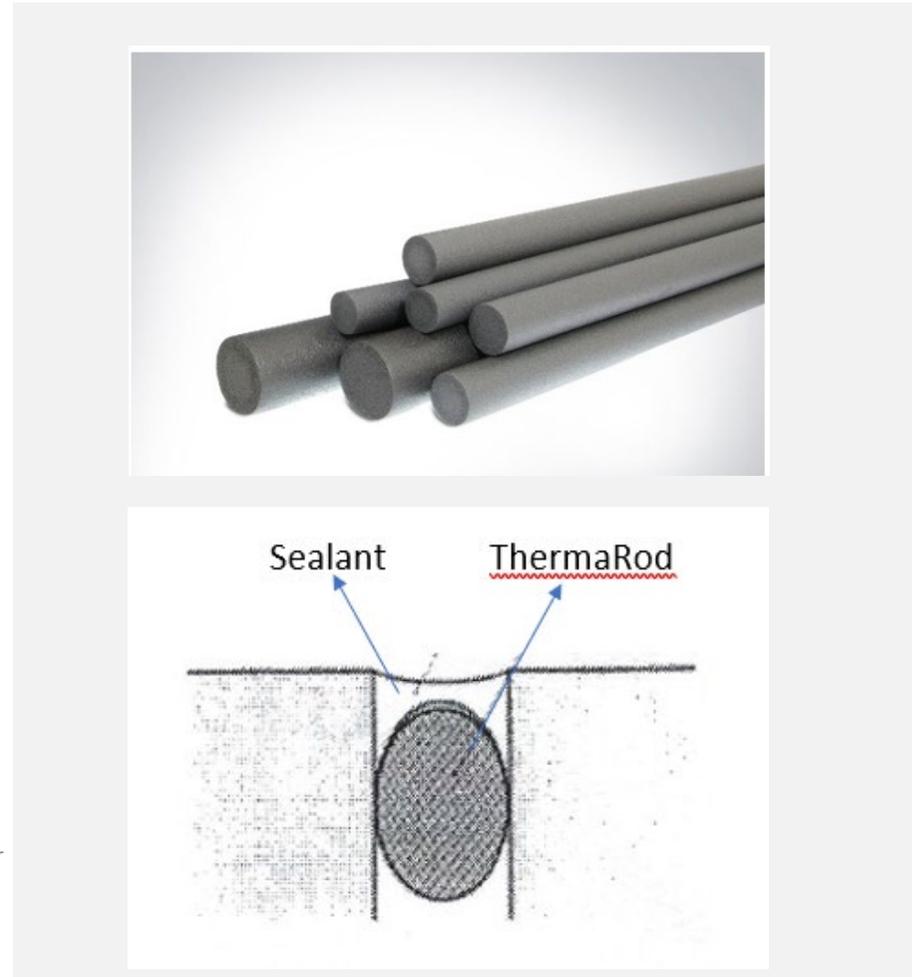
Apparent density: 21-27 kg/m³

Solubility in: water: insoluble
organic solvent: insoluble
partly soluble, swelling: depending on solvent type.

Design



Polyethylene foam
polyethylene foam with a circular cross section for professional filling of gaps



02. Applications

Product for sealing joints, expansion joints, installation passages and working joints in walls, foundations, ceilings and floors. Product is also suitable for indoor use.

Resistance to various substances

Resistant to contact with building materials such as cement, gypsum, lime, concrete, resin masses, bituenn, dilute acids, aqueous alkaline solutions, non-aromatic solvents, alcohols, gasolines.

NOTE

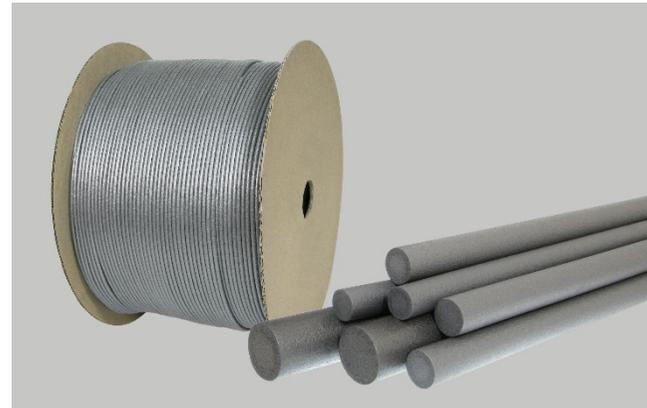
Fats and oils may cause slight swelling.

ThermaRod is not resistant to strongly oxidizing acids, ketones, aromatic hydrocarbons, chlorinated hydrocarbons, certaing types of dtergents.

UV actions speeds up the aging processes.

Important

- Avoid any temperature $>160^{\circ}\text{C}$ over a period > 10 min
- Avoid any contact with strong oxidizing chemicals



03. Recycling & Environmental Impact

Recycling

100 % recyclable to be used in own products.

Disposal

When disposing of any wastes, observe all applicable national and local regulations.

Environmental harmless

- Insoluble in water: no contamination
- Insoluble in most solvents
- Degradable only by UV light

ThermaRods are produced (H)CFC free.



04. Storage

Practice reasonable care and cleanliness, provide adequate distance between stacks as a safety precaution.

Do not expose to any source of flame, ignition or heat.

Recommended storage is inside due to UV light and heat sensitivity.



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