

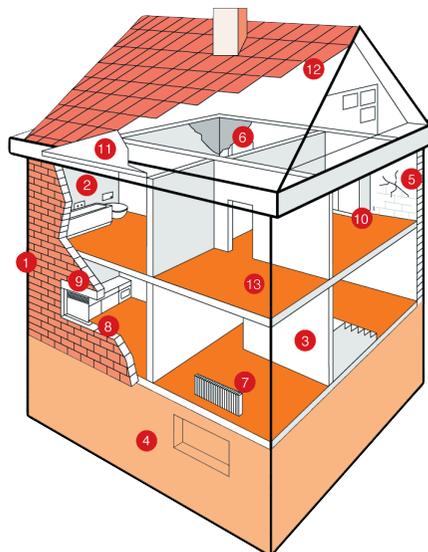
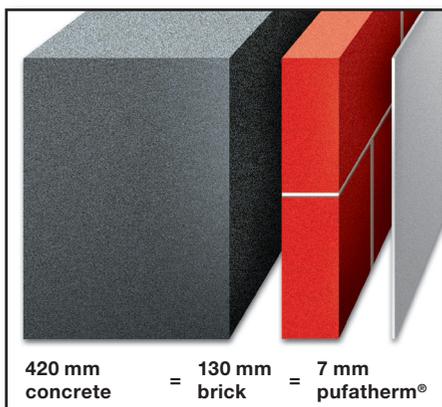
Removing and avoiding moisture damage

pufatherm®-boards are ideal for the removal of condensation water damage with mould-formation, due to their construction-physical characteristics (no moisture penetration, temperature-increasing effect). They do neither decompose or mould, nor provide a breeding ground for mildew. They are odour-free.

pufatherm®-boards are resistant against concrete, chalk, plaster as well as efflorescences, alcalies and just about all watery mediums (not resistant against organic solvents).

- format: 8 x 50 cm x 100 cm = 4 m²
- heat conductivity (measured) λ: 0,035 W/mK according to DIN 52612
- coefficient of thermal resistance R: 0,2 m² K/W
- heat absorption b: 2,4 kJ/m²h^{0,5}K
- water vapour retarder value: μ *s: 2,7 m
- water vapour permeability resistance factor: μ according to DIN 52615: 450
- thickness: 7 mm
- flammability class: B2 according to DIN 4102 (bond to mineral surface with wallpaper and emulsion paint)
- 1 m² ≈ 245 g
- 1 m³ ≈ 35 kg
- XPS = EXTRUDED POLYSTYRENE
- -60 °C – +100 °C
- Art.-Nr. 6708-EX
- Shelf life: unlimited

(We will send you more information on request)



pufatherm®-boards are employed here:

- 1 on cold exterior walls
- 2 on damp exterior walls
- 3 on cold partition walls
- 4 on cold cellar walls
- 5 at heat bridges, plastercracks
- 6 in corners
- 7 at heat loss in radiator niches
- 8 on window- and door reveals
- 9 upon and in shutter boxes
- 10 on walls, behind furniture
- 11 on ceilings
- 12 on roof slopes
- 13 under chipboards, parquet and laminate floorings

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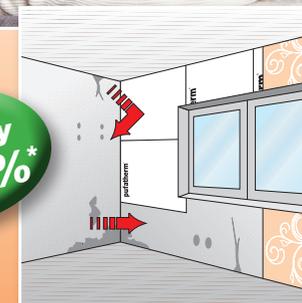
11 · 2012

pufatherm®

Insulation boards indoors



save energy 30%*



for

- smooth
- warm
- dry and mould-free interior walls

Properties and processing

pufatherm® – are thermal insulation boards for interior use. Due to the special white bonding coat the boards can immediately be wallpapered and painted. Reduces the water vapour permeability. Prevents mould formation due to the effective humidity protection for walls and ceilings and thus improves the indoor climate. Evens out slight irregularities of the surface. Reduces heat thermal bridges as well as cold thermal bridges.

* Up to 30 % less heat loss compared to brick masonry that has not been insulated.

Surface

Suitable surfaces are walls and ceilings. The surface has to be dry, solid, clean and evenly absorbent. Thoroughly clean humid surfaces, areas infected with mould or efflorescence and allow to dry. Eliminate the cause of moisture penetration.

Remove old wallpapers, water-soluble and loose coatings with *Wallpaper Remover* and remove them completely.

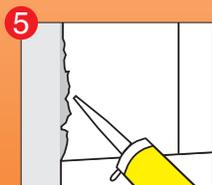
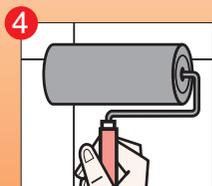
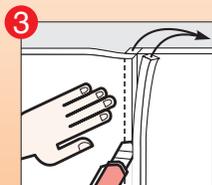
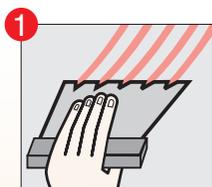
Use *Interior Filler* to fill cracks, holes and joints. Remove dust from filled areas and prime with *Deeply-Penetrating Primer LF*. Also prime highly absorbent, slightly sandy and chalky surfaces with *Deeply-Penetrating Primer LF* - solvent free.

Adhesives for pufatherm®-boards

The usage of *Styrofoam Adhesive* is recommended for absorbent surfaces. For non-absorbent surfaces, e. g. synthetics, metal, ceramic, contact-adhesives like *Contact Adhesive K 12* are applied.



Work stages



Adhesive application:

Evenly apply *Styrofoam Adhesive* onto absorbent surfaces in the width of one board using a notched trowel (B2 tending). Evenly apply *Contact Adhesive K12* onto non-absorbent surfaces in the width of one board using a suitable roller (always follow manufacturer's instructions).

Laying of the board:

Place the board with the grey back into the wet adhesive and roll it out thoroughly. Roll out any bubbles to the sides.

Joint sealing:

Always lay the following insulation boards neatly to the joint or joint lapping (remove the remaining strips of the double cut).

Thoroughly rolling out:

Evenly roll out the cutting edges with the rubber roller.

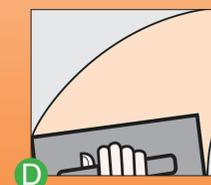
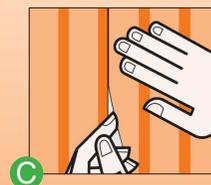
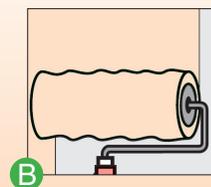
Filling:

We recommend *Lightfiller L10* for subsequent fillings and repair works e. g. of corners, ceiling connection joints, seams and damaged spots.

Drying time:

Allow adhesive to dry for at least 24 hours. Check the drying of the adhesive and the firm adhesion of the insulating boards in several places prior to subsequent works.

Utilization of pufatherm®



To increase the pressure resistance of the boards we recommend applying a solid *Painter and Repair Fabric* (as f. e. *RV 130*) using *Glassfibre and Non-Woven Wallpaper Adhesive GK*.

Using the additional *Painter and Repair Fabric* results in a uniform smooth and strong surface for high quality wallpapering as well as for filling, painting and varnishing techniques.

Wallpaper and wallcoverings:

All kinds of wallpaper and wallcovering can be applied directly onto the white pufatherm® surface. We recommend the adhesives *GK* or *GTV*. Use a *wallpaper remover* if the wallpapers are difficult to remove during the next renovation.

Synthetic-resin emulsion plasters can be applied without reinforcement strips onto the white side of pufatherm®.

