



Photo: Office of Austrotherm Afg /Kabul



Photo: Factory of Austrotherm Afg /Kabul



Photo: Austrotherm

Energy - saving thermal insulation

- Keeps you warm in winter, cool in summer
- Austrotherm EPS® insulation plates - high quality and easy workability
- A partner you can trust
- Austrotherm - The Austrian trade mark!
- Proven quality now available in Kabul

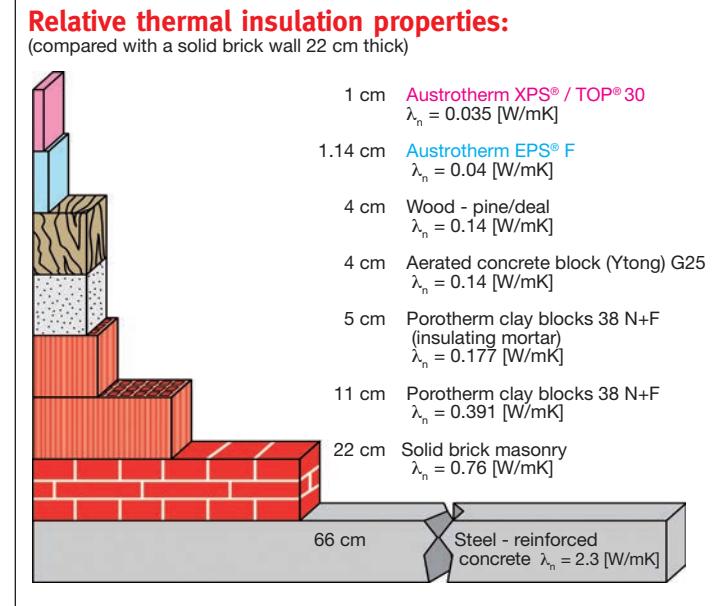
It won't leave you cold!

Effective and economical building methods

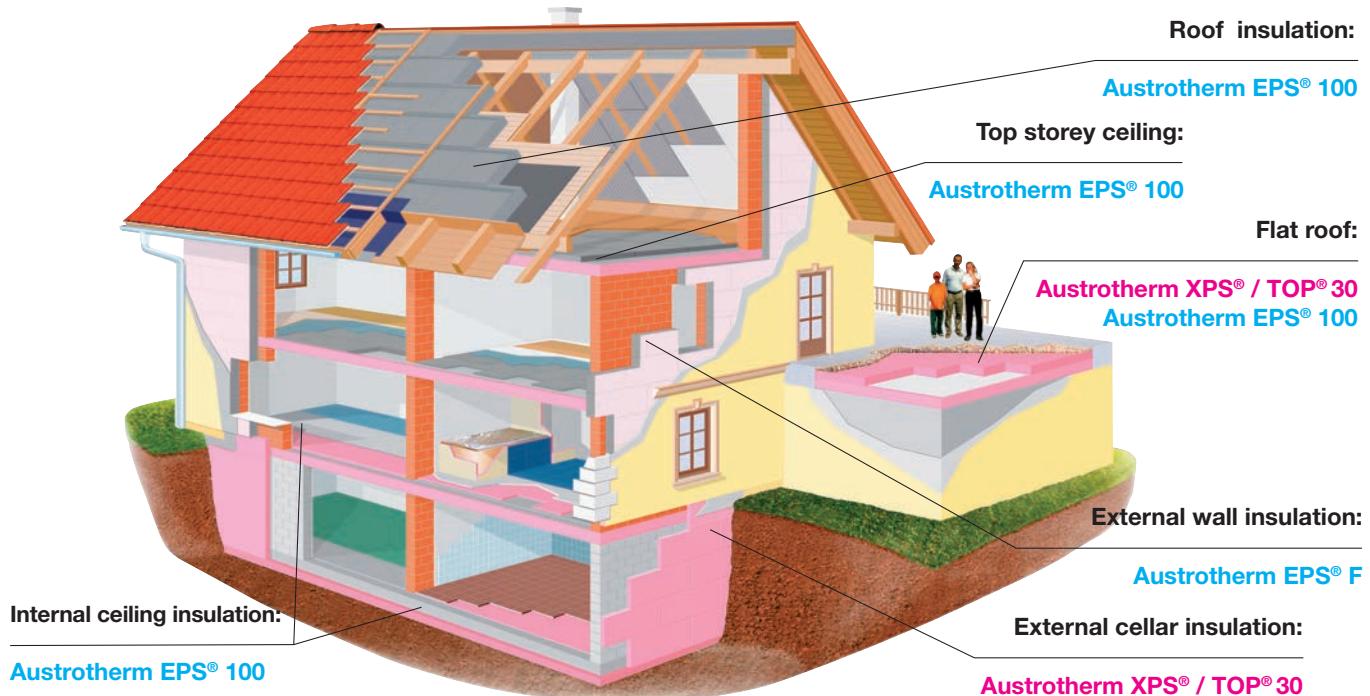
Thermal insulation doesn't pay off just in winter - the same properties that keep walls warm in winter keep homes cool in summer. Thermal insulation is amongst the most effective and economical ways of actively practising environmental protection in old and new buildings, putting right past building mistakes when renovating old properties and at the same time reducing lifetime heating costs.

Thermal insulation makes sense!

The graphic on the right shows why the function of insulating a house should be achieved by insulation and not by structural materials. Concrete for example, is roughly 66 times worse at retaining heat than Austrotherm XPS® insulation. That is why it is important to prevent the cold entering the house unhindered through concrete balconies, ceilings or cellar walls. Even softwood, which has a reputation for good insulation properties, is still nearly 3,5 times worse at retaining heat than Austrotherm XPS®.



The right way to insulate with Austrotherm



Benefits of thermal insulation:

- ▶ substantial reduction in fuel requirements, meaning lower costs
- ▶ prevention of mould growth on walls and ceilings
- ▶ pleasant wall temperatures even in cold winters (lower electricity bills)
- ▶ more pleasant indoor atmosphere during hot summers

The perfect external wall

External wall insulation with composite thermal insulation system

EPS (expanded polystyrene) from Austrotherm represents high quality and easy workability - whatever the requirements.

Austrotherm EPS® F:

The Austrotherm EPS® F external wall insulation board is the right solution with the optimum apparent density for your external walls. If the density is too low, serious problems can arise later on. With Austrotherm EPS® F you are insulating for generations to come.



Austrotherm EPS® F

Structure:

The Austrotherm EPS® F external wall insulation board is fixed to walls with a special external wall adhesive that is applied as a bead around the edges and spots of adhesive on the back of the board. The board is covered with a top layer consisting of a reinforcing layer of fibre glass mesh and a render finish. Standard smooth render finishes are products such as Granopor render.



Photo: Herat, Afghanistan

System components:

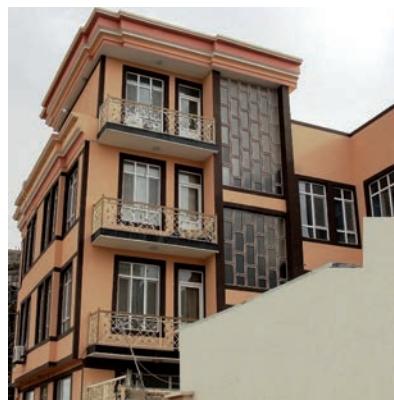
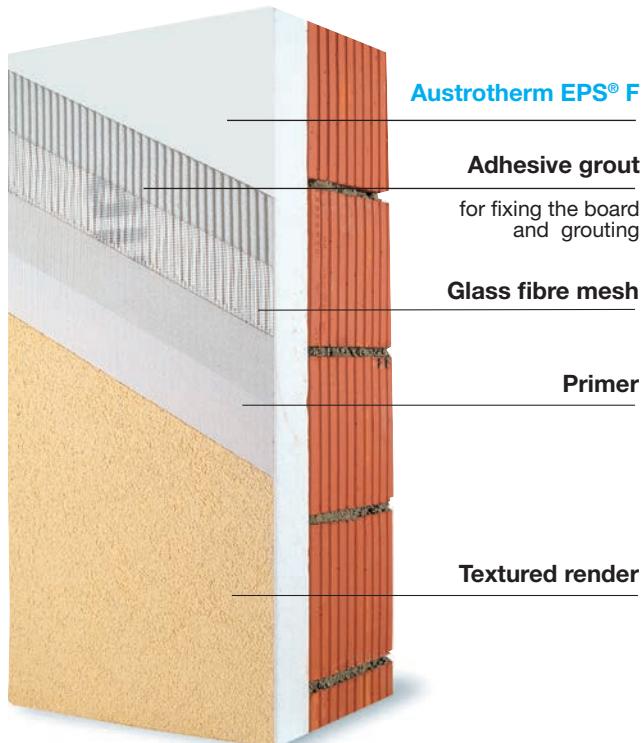
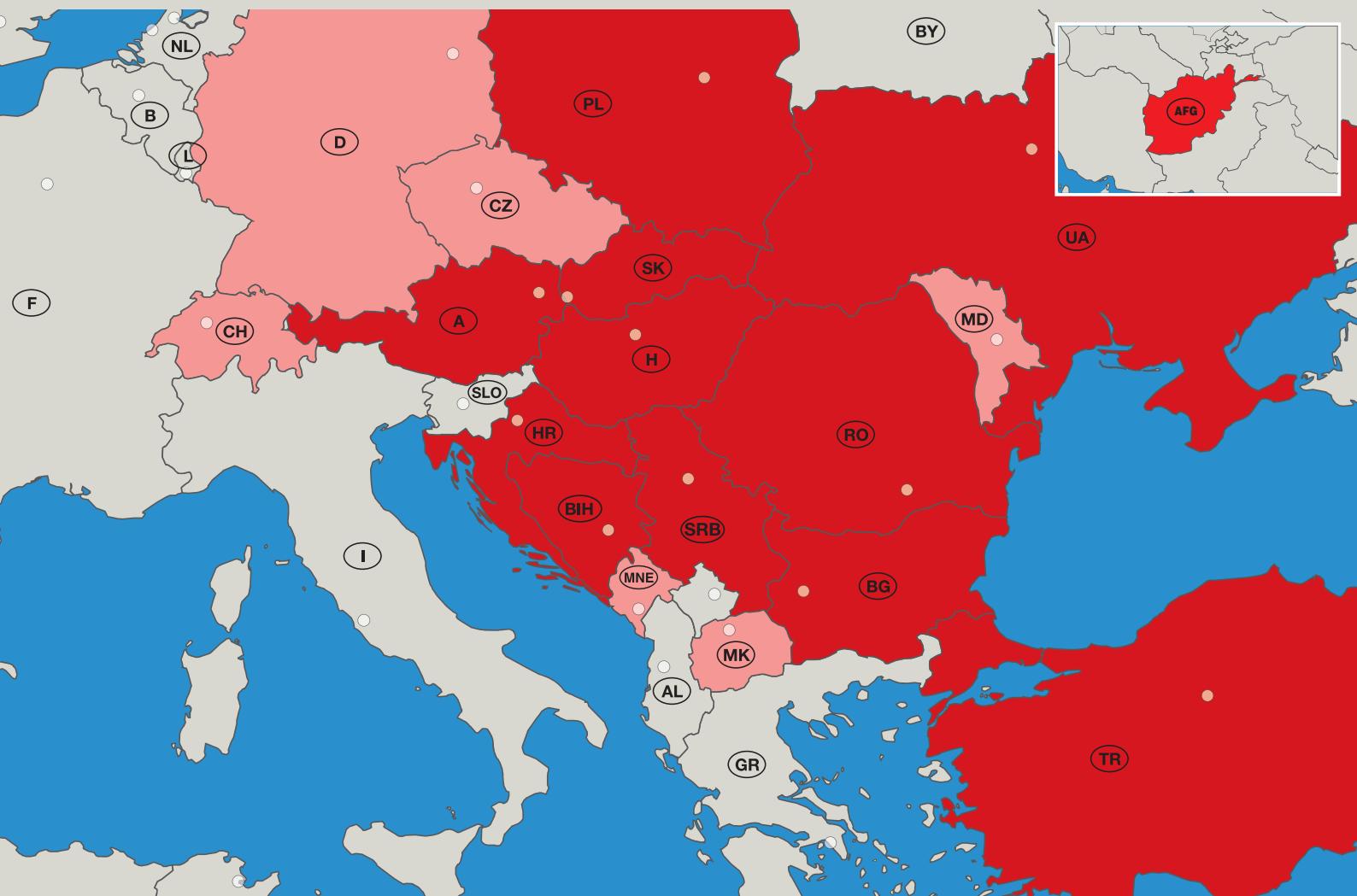


Photo: Herat, Afghanistan

Benefits of Austrotherm EPS®-F:

- ▶ improved heat retention thanks to a composite thermal insulation system
- ▶ prevention of thermal bridges
- ▶ no mould growth or condensation with insulation thicknesses over 50 mm
- ▶ high-quality insulation boards made to accurate dimensions, board thickness available (1-30 cm)



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