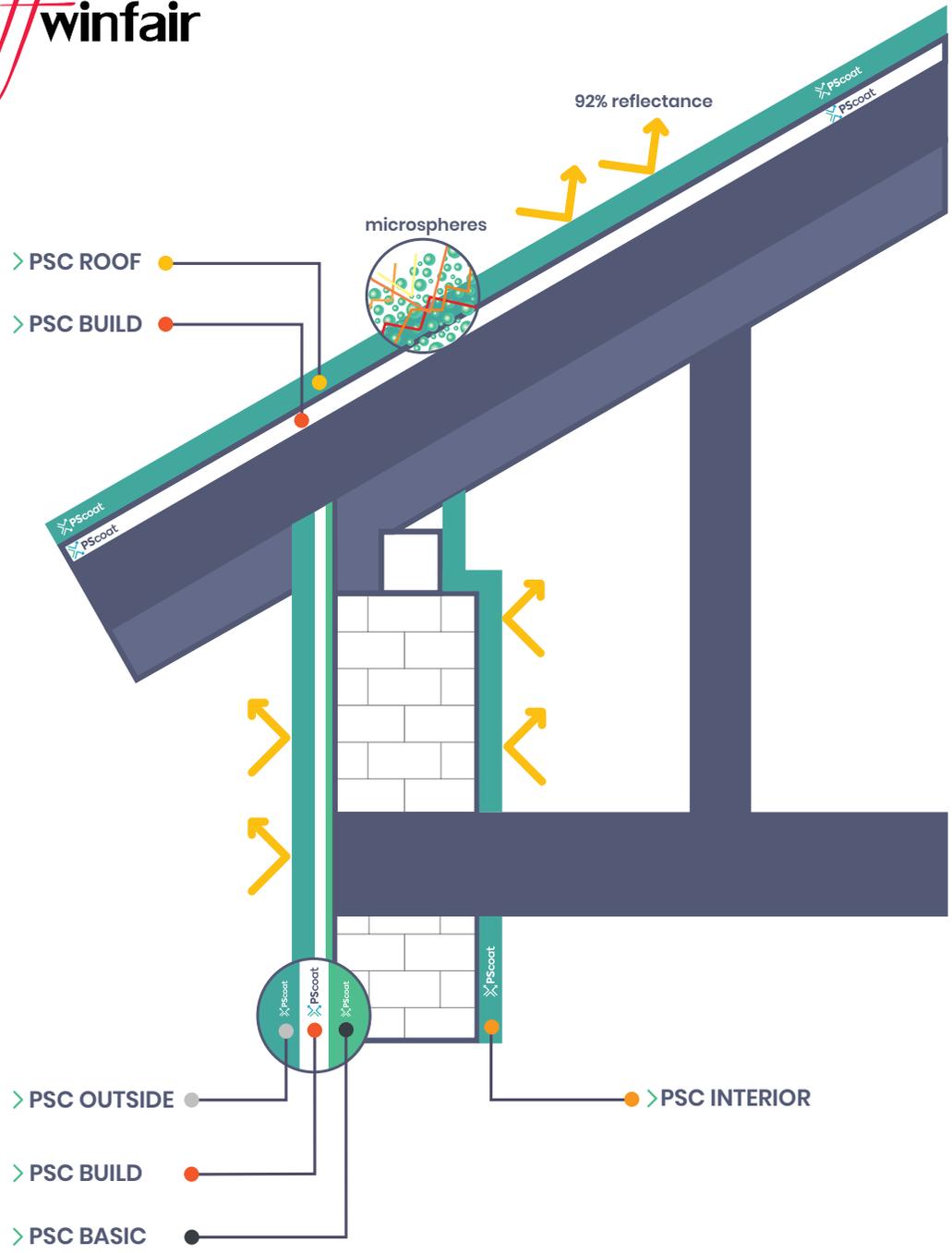




MODERN THERMAL INSULATION SYSTEM FOR CONSTRUCTION

Contact Us : QUALITECH EQUIPMENT PART.,LTD.
70/175 Moo 5 T.Bueng Kham Phroi A.Lamlukka, Pathumthani, 12150
Tel : 061-4166-151, 061-4166-152, 092-269-3803
Fax 02-532-6526
Email: sales@qtcoat.com Website: www.qtcoat.com



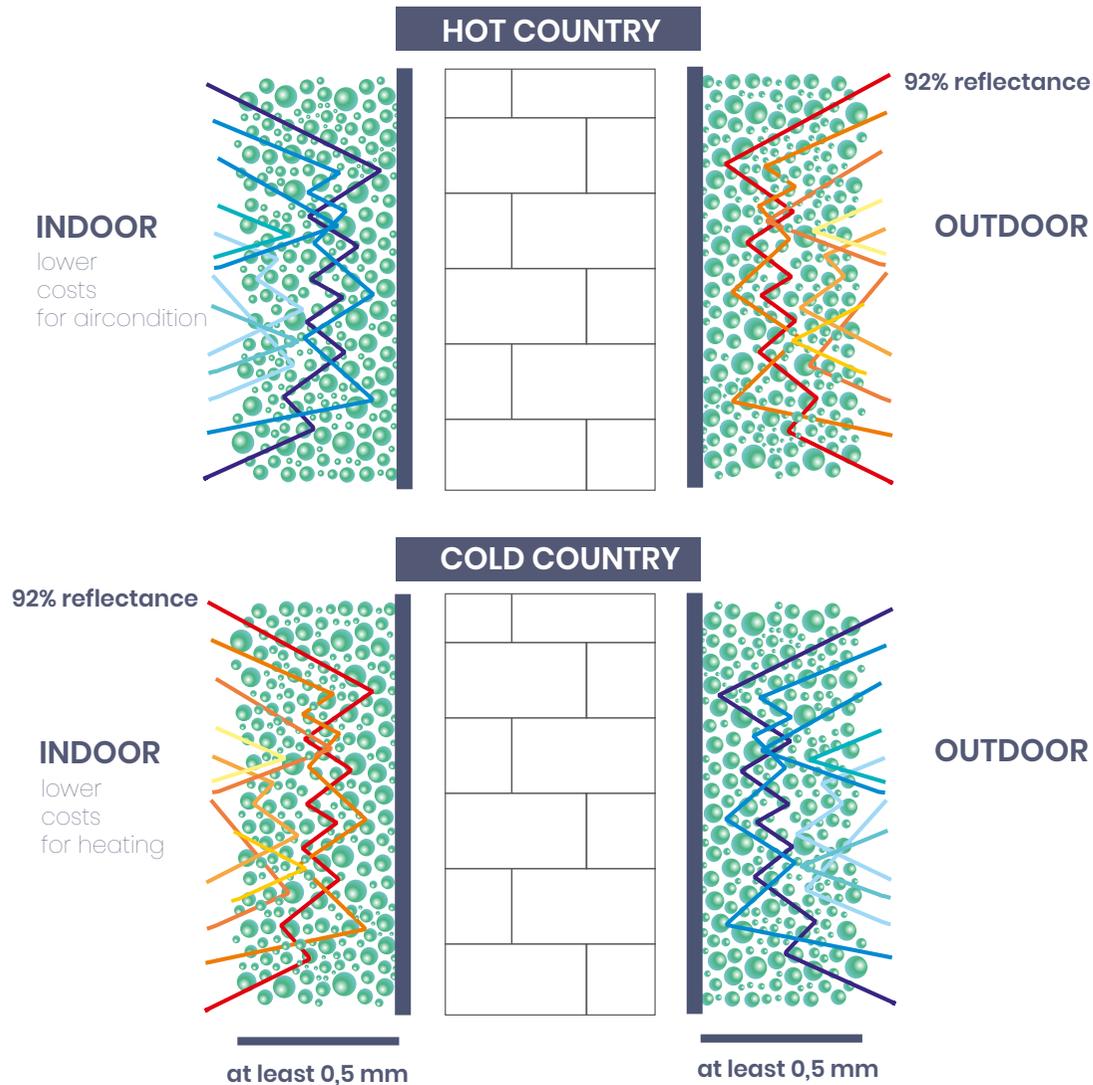
PScoat is a system designed for an extensive building protection – both

outside and inside.

In winter, it prevents the heat loss, while in summer, it reduces overheating and helps to keep the temperature inside cool.

All these benefits and results are achieved without the necessity of installing traditional insulation systems.

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How does it work?

The vacuum based, quartz microspheres with unique properties are reflecting sunbeams just like a mirror.

PScoat products are combined into a thermal reflective layer, which can effectively replace traditional thermal insulation solutions.

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PScoat **BENEFITS**



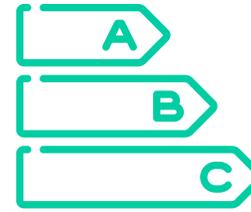
Simple application



Protection of Building



Resistance to UV radiation

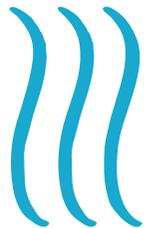


Energy savings



Environmentally friendly

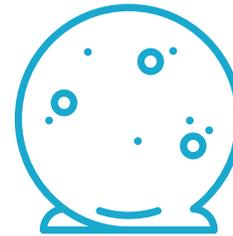
PScoat **PROTECTS AGAINST**



Thermal losses



Condensation



Molds

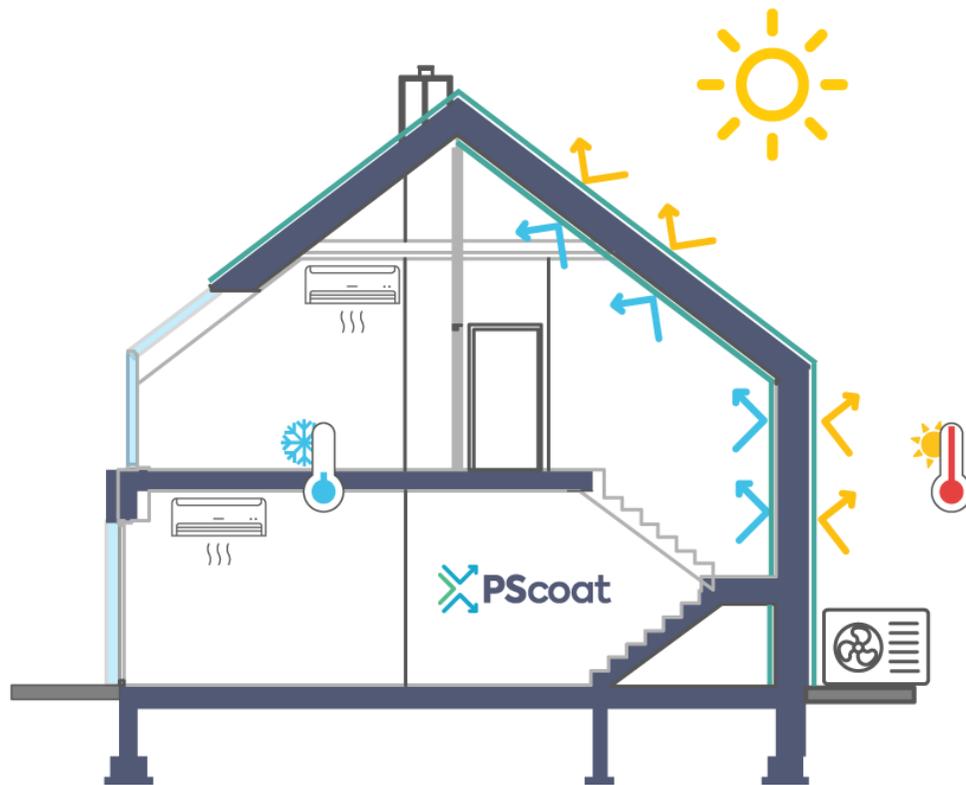


Fire

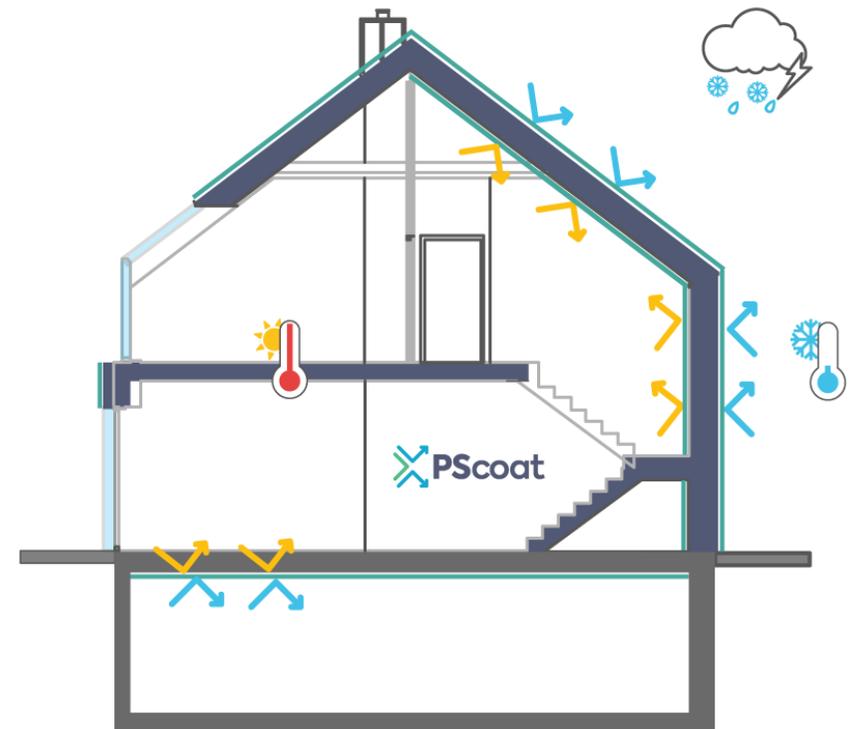
PScoat can be applied on all kinds of building surfaces, such as: mineral plasters, acrylic plasters, styrofoam or directly on bricks

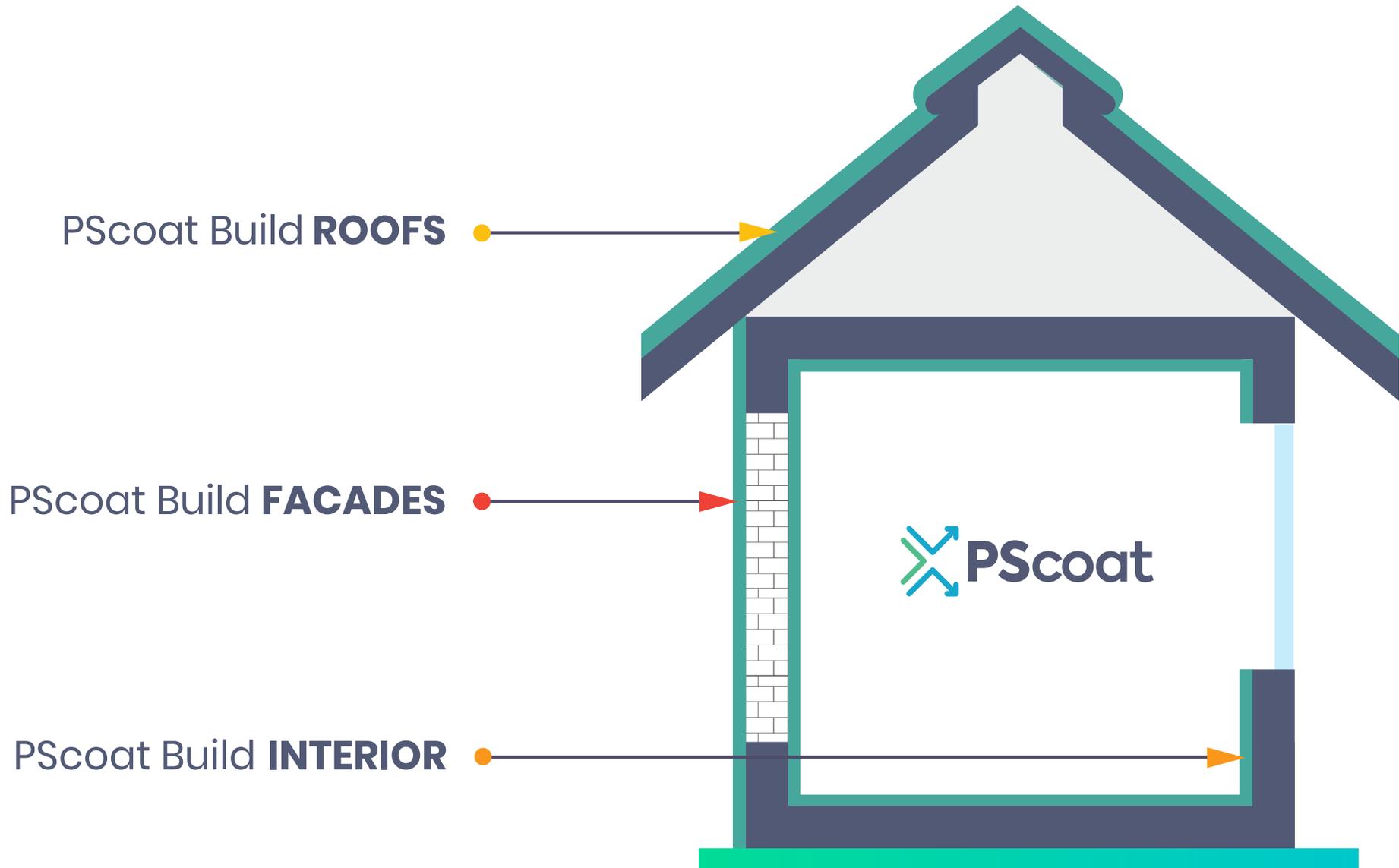
it preserves the original look of the building - keeps the relief of architectural elements, which helps to insulate e.g. historical buildings or balcony walls without visible changes

PScoat BUILD
in **HOT countries**



PScoat BUILD
in **COLD countries**





PSCoat **BUILD ROOFS** ●

Instead of absorbing sunbeams, PSCoat reflects them (92% of solar reflectance), providing much better thermal insulation properties than standard insulations.

A traditional thermal insulation with absorbing properties will not prevent the heat transfer in the building, just delay in the process. It means, that the heat from the sun will penetrate into the building with delay (e.g. 3 hours later comparing with non-insulated building).

Only PSCoat is capable to create a stable insulation layer that reflects 92% of solar radiation. This helps to keep cool temperature inside of the building.

PSCoat is an excellent solution for places where traditional insulation can't be effectively applied.

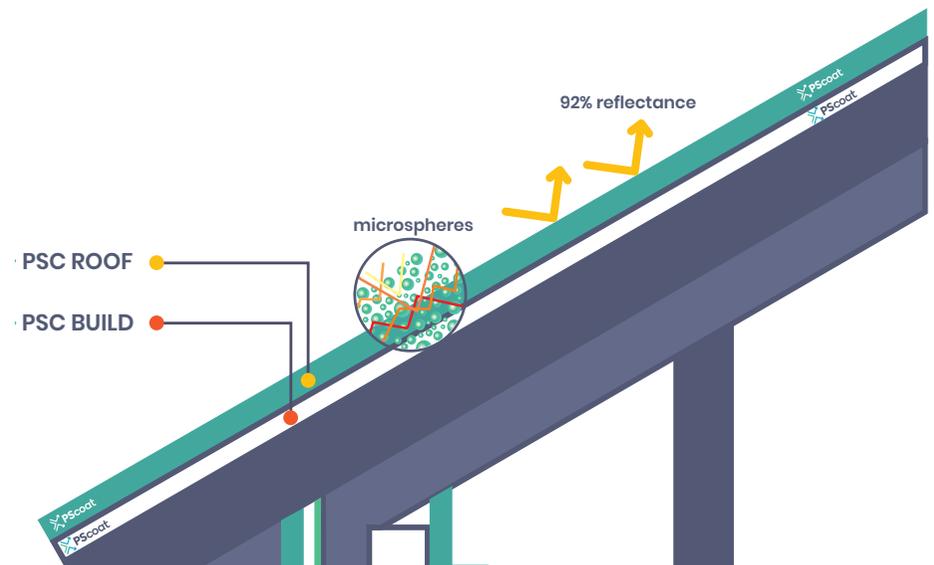
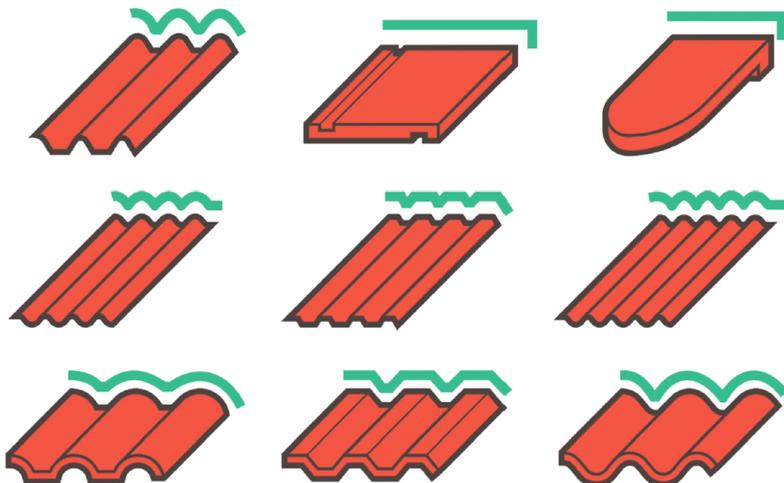


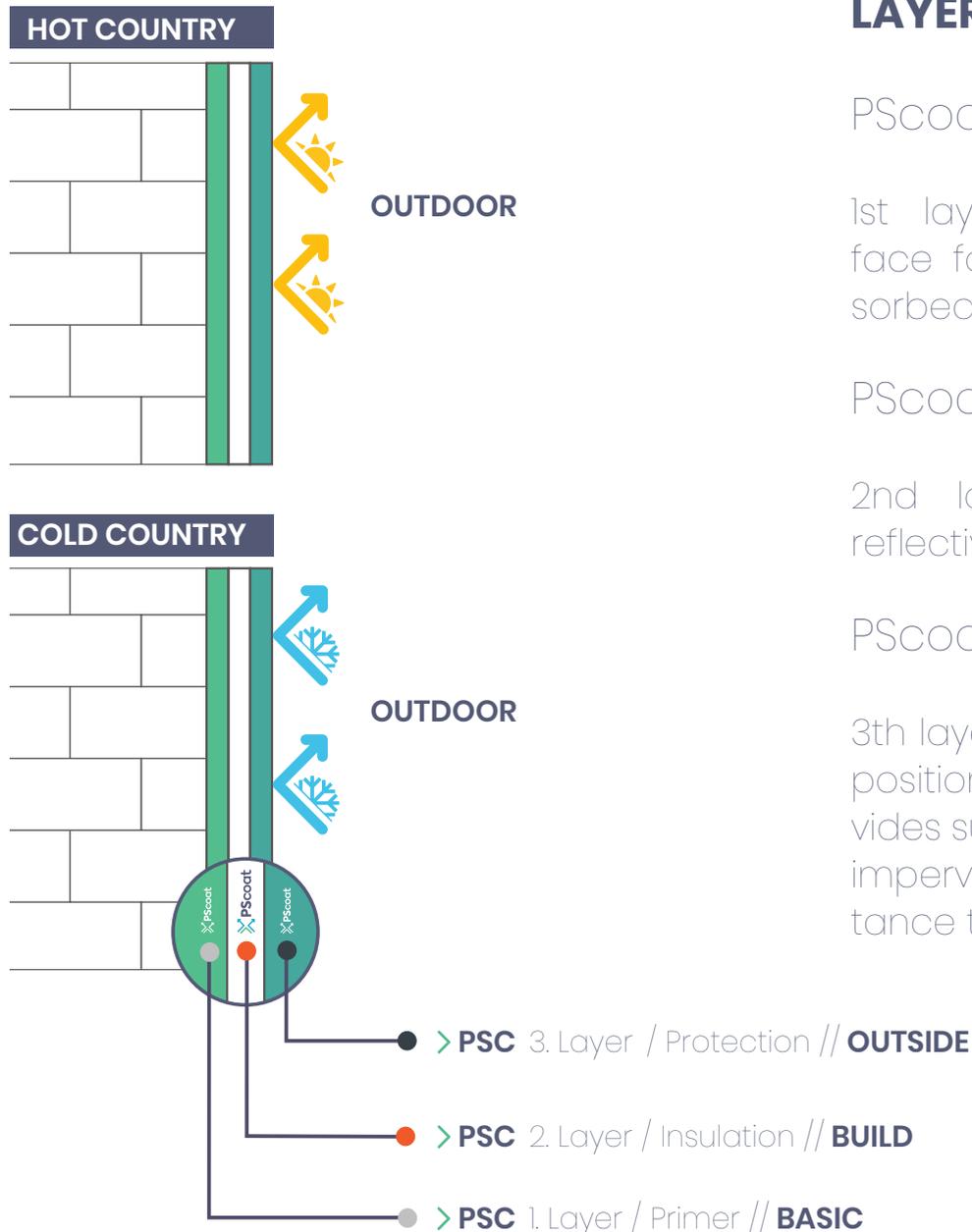
LAYERS:

PSCoat **BUILD** – primer layer

PSCoat **ROOF** – it is an elastomeric thermal insulation coating with excellent protective and visual features. It is highly resistant to both atmospheric conditions and mechanical damage.

Due to its elastomeric and anti-corrosion properties it protects the roof from rust and water absorption. The unique formula of the paint stops also microorganisms, mould and weathering. PSCoat ROOF is resistant to UV radiation, cracking and mechanical scratches.





LAYERS:

PSCoat **BASIC**

1st layer - Primer paint designed to prepare the surface for further layers of PSCoat Build System. This layer, absorbed into the wall, already contains insulating compounds.

PSCoat **BUILD**

2nd layer - Air permeable insulation coating. This reflective material is designed to work as a conductive layer.

PSCoat **OUTSIDE**

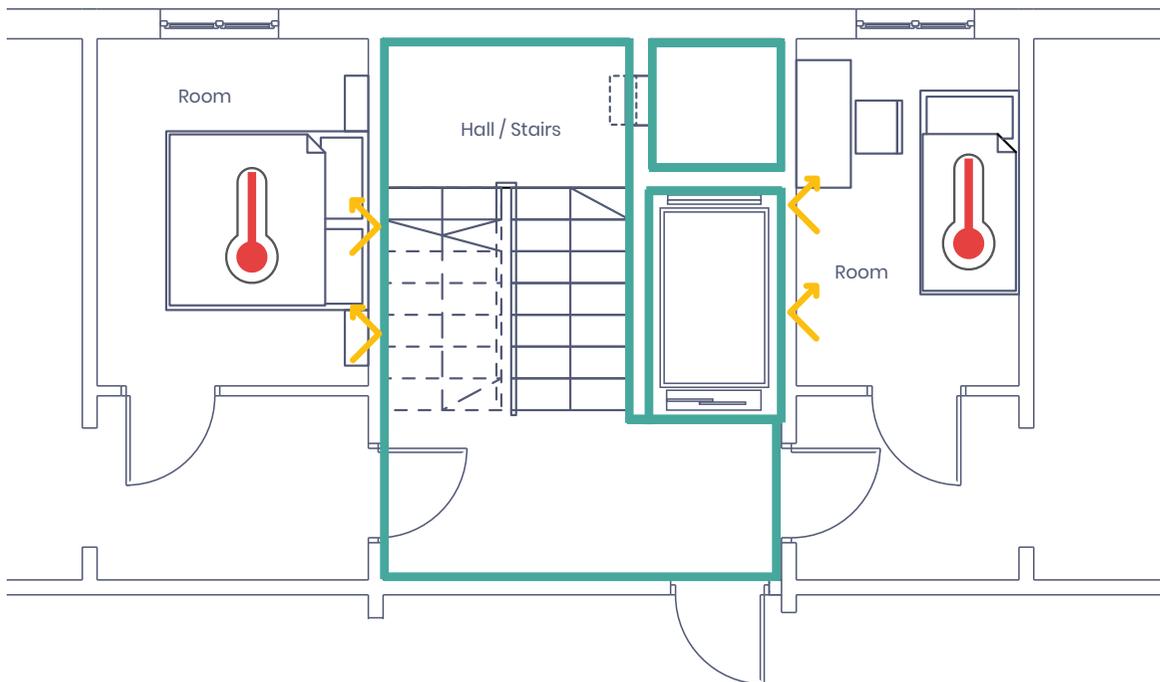
3th layer - Air permeable insulation coating with highest composition of microspheres. Due to its elastomeric attributes, it provides superlative protective and visual properties. The material is impervious to atmospheric conditions and has increased resistance to mechanical damage.

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PSCoat **BUILD INTERIOR** ●

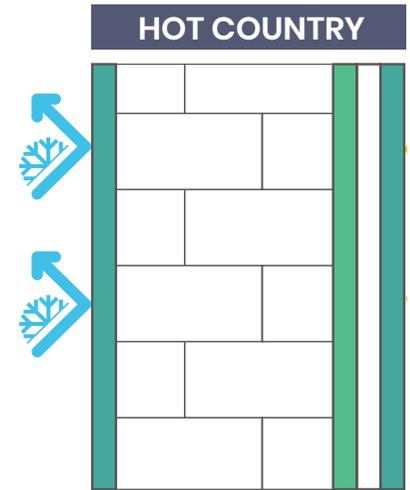
The interior system is in the form of water-dilutable dispersion paint. It is designed for inner insulation to increase the effect of reflecting energy from the insulated surface back to the room.

PSCoat does not reduce the size of living space comparing with traditional insulations and it is an excellent solution for staircases and communication routes.



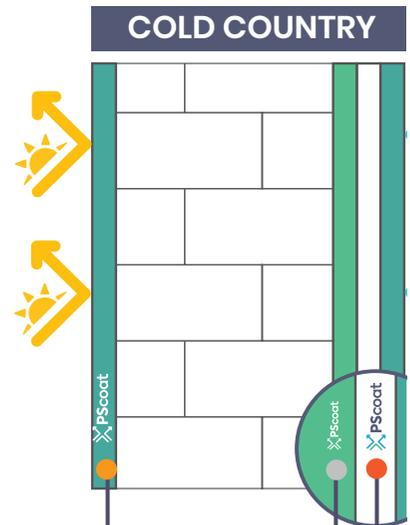
INDOOR

lower costs for aircondition



INDOOR

lower costs for heating



> PSC INTERIOR ●

