

## Arcond Condensation Blanket

Solving your condensation problems



- Very Good Absorption Ability
- Effective Sound Reduction
- Improved Corrosion Protection
- Antibacterial Properties



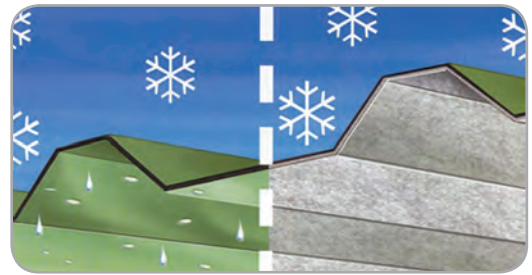
# Arcond Condensation Blanket

## Solving your condensation problems

On the underside of an uninsulated roof, condensation builds up, which can cause discomfort when it drops into the room.

Arcond is a blanket product which we apply onto the sheet before profiling. It binds moisture until it's purged out.

Arcond is a well-proven product used with great success in large parts of Europe.



### Technical Information

<b>Water absorption*</b>	Internal regulation FD15	g/m <sup>2</sup>	0°** 45°** 90°**	> 900 > 700 > 600
<b>Weigth – Blanket 100% PES***</b>	DIN EN 29073-1	g/m <sup>2</sup>	± 10%	110
<b>Thickness – Blanket</b>	DIN EN ISO 9073-2	mm		0,9 – 1,1
<b>Weigth – Paper</b>	DIN EN ISO 9073-1	g/m <sup>2</sup>		70 – 90
<b>Glue</b>	DIN EN ISO 9073-1	g/m <sup>2</sup>	± 10%	21
<b>Flammability*</b>	DIN 4102/1			B1
<b>Durability (Adhesion)*</b>	FTM 1 180°		N/25 mm	min 10
<b>Durability (Adhesion) after aging*</b>	Internal regulation FD 15		N/25 mm	Improved
<b>Sound absorption</b>	DIN EN 20354	At	125 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz	0,02 0,04 0,04 0,12 0,42
<b>Thermal conductivity</b>	DIN 52612	W/mK		0,038*** 0,045****
<b>Bacterial resistance</b>	IEC 68 – 2 – 10 Aspergillus niger, Aspergillus terreus, Aurebasidium pullulans Poecilomyces vaiotti, Penicillium funiculosum, Penicillium ochrochloron, Scopulariopsis brevicaulis, Trichoderma viride		28 days 29 °C 95% humidity	Assessment 1

\* Blanket on sheet    \*\* Angle of slope    \*\*\* Dry test    \*\*\*\* Moist test

#### Storage:

The quality does not change if the material is stored dry, in a temperature of 0-40 °C over a period of one year.

Moisture accumulations at the eaves and other exposed places, together with wind effects, cause the moisture carried around in the building. These effects can be avoided by application of lacquer on the side of the condensation blanket at the exposed areas.

#### We therefore recommend that:

- Eaves, at slope over 10°, applied with varnish throughout the eaves' width.
- Mount the plate on steel beam/purlin. When mounting on wooden beam, use a non-absorbent material between the condensation blanket and the wooden beam. (construction film or similar.)

Please contact your local sales representative for more info.

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