

CondenStop®

For roofing panel manufacturers and suppliers, contractors and storage owners, who need to protect their roofs, investments and assets from the hazards of naturally occurring condensation, CondenStop® offers an affordable & high-capacity moisture absorption solution of market-leading quality.

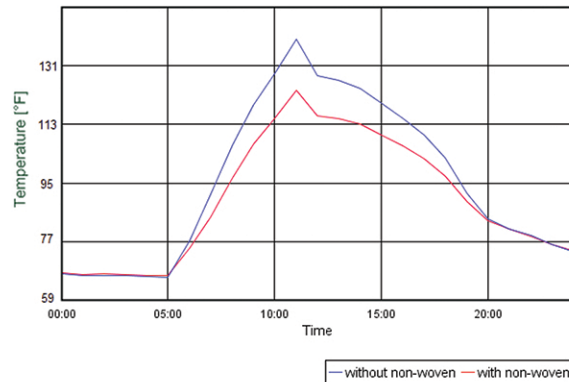
Certified by international research institutions to outperform generic products by 20-60%, the unique benefits of CondenStop® are recognized by our many global clients who use millions of square meters each year.

10 reasons to choose CondenStop®

- Highest absorption of condensation moist available
- Installation possible in all weather conditions
- Helps fight corrosion
- High fire safety classes
- Impervious to mould growth
- Does not attract dust or dirt
- Homogeneous distribution of condensation on roof surface
- Drip-free performance
- One solution for all conditions
- Over 20 years experience with condensation protection

Independent research has proven CondenStop® reduces interior temperature significantly during hot weather.

Extreme summer day (21.07) interior surface



Superior Longevity vs. Underlayment

CondenStop® is based on a polyester non-woven fleece. Thermoplastic Microspheres that are bound to the fibres, are expanded to create a unique engineered product with very special moisture absorbing properties.



Moisture management

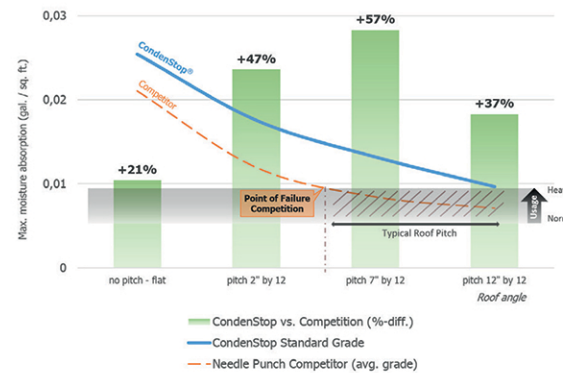
The very large internal surface and tailored distribution of pores, create the special characteristics that are critical for quick absorption and moisture spread over the surface. With its large absorption capacity and controlled moisture release through evaporation, CondenStop® is the ideal product to prevent dripping or sweating of metal roofs.



Superior performance

CondenStop® outperforms competition by 20-60% in absorption performance. Where generic products reach their Point of Failure at typical roof pitches, CondenStop® continues to protect your roof, construction and investments.

Absorption Performance: CondenStop® vs. Generic Needle Punch
Moisture absorption by roof pitch angle - Absolute & relative performance



Data source: Fraunhofer IBP, 2013

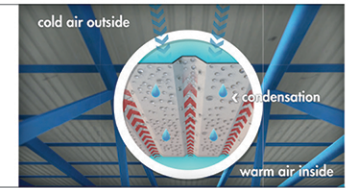
Ventilation is important

For optimal performance of CondenStop® sufficient ventilation within the building envelope is important.

Air flow and temperature

The air flow movement and temperature within the building structure, will determine how quickly the CondenStop® will return to its original dry state. To prevent excess build-up of condensation, natural ventilation provided by eave-, ridge- and wall openings plays an essential role.

Condensation cycle



Absorption during night time



Ventilation is the key for this application



Drying by ventilation and sunlight radiation

