



CondenStop[®] Condensation Control Membrane

Tested by Fraunhofer IBP Institute - Germany

CondenStop®

CondenStop® is an innovative product designed specifically to prevent problems caused by condensation in buildings and roof systems. CondenStop® prevents dripping and keeps building contents and insulation dry.

NEW improved absorption

By continuous research Lantor improved the unique absorption qualities of CondenStop®. With a new composition, Lantor is able to distribute and control condensation water even better than before. This has led to the highest absorption available on pitched roofs!



| | | Fraunhofer IBP |
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| | Test Report P17-142.1e/20 | 13 |
| Comparative Investi Capacity of Mats Glu | | |
| | Client: LANTOR RV Verlaat 22 3900 AA Veenendaal Niederlande | |
| | Stuttgart, July 10, 2013 | |
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NEW test method

Fraunhofer IBP from Stuttgart-Germany, has performed a test which represents the real life situation of condensation on metal roofing. Even different roof angles are taken into account in this test. This is the scientific proof of a long known fact: CondenStop® out-performs all competition by at least 20%!

NEW branding

Basically two different absorption materials are used in metal roofing. On one side there are several manufactures of generic needle punch fleeces. On the other side there is Lantor CondenStop® the Condensation Control Membrane. From now on our name will be **CondenStop® CCM.**

Test Results out of Fraunhofer report in Metric

| Type of mat (marking of th | he (lient) | ,110* | "CS" |
|--|---|--|---|
| Thickness approx. | mm | 0.75 | 1.12 |
| Mass per unit area | kg/m² | 125 | 86 |
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Translated into imperial sizes:



As shown above 2 different products are tested at 4 different roof angles:

- Blue bar: LANTOR CONDENSTOP® CCM (tested as CS)
- Red bar: generic needle fleece 110 grams

As the roof pitch increases the absorption decreases under the influence of gravity. Though, a significant difference is shown between the competition and CondenStop® CCM, whereas CondenStop® CCM out-performs the competition at any angle.

Conclusion

With the assortment of CondenStop® CCM we provide leading edge technology which provides the best solution at any angel. CondenStop® CCM can be used at any roof pitch.

What does this mean for your application?

When we take Lexington-KY, USA as a typical example for the application of Lantor CondenStop® CCM, we see that with CondenStop® CCM we can cover all applications!



Even at a very steep roofpitch of 7" by 12 our **C**ondensation **C**ontrole **M**embrame will perform!

CondenStop® CCM

- Y Highest absorption of condensation moist available
- Decreases installment costs of a metal roof
- All weather conditions possible during installment
- Helps fighting corrosion
- High fire safety classes
- 🌱 Impervious to mold growth
- Y Does not attract dust or dirt
- \checkmark Homogeneous spread of condensation water on the roof surface
- V Drip free performance
- One solution for all conditions
- 🌱 20 year warranty on intrinsic properties
- Inventor of Condensation Control Membrane
- Ver 20 years experience with condensation protection

www.condenstop.com

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