

Why DR!PSTOP

Insulating Against Condensation

- Traditionally we try and insulate the roof so that the temperature on the panel never reached the dew point.
- Add a vapor barrier so the moist air does not flow up throughout the insulation and condense.
- But in many uses, vapor barriers can tear and the system fails.
- Insulation is no guarantee against condensation.

How DR!PSTOP Works

- For our purposes it is important that you remember a couple of things
 - **Warm air hold more moisture than cold air.**
 - **Wet air is actually lighter than dry air.**
- At night, the temperature inside a building is warmer than that outside. Warm, wet air rises and meets the cold roof and cools. As it cools, it can't hold as much moisture. That excess moisture ends up as drops of condensation on the roof.
- DR!PSTOP traps that moisture like a sponge and holds it until conditions rise above the dew point and it burns back into normal humidity.

Technical Data

- Smoke generation/Flame Spread - UL 723 approved
- Absorption - holds more than 1 qt per 10 ft²
- Noise reduction - up to 20% of rain noise and helps with reflective noise
- Ventilation - will clear itself if moisture, but need adequate ventilation if moisture continuously added
- Capillarity - Can wick in moisture - that is why it does not go all the way into the side lap of the panel.
- Anti microbial - polyester and rubber - does not provide food for fungi or microbes.
- Has been in virtually every climate condition on every continent in the world.