

SuperTherm vs. Building and House Wraps

	Building and House Wraps	Super Therm®
Prevent Air and Moisture infiltration	Building and House wraps are designed to prevent air and moisture infiltration. Has a perm of approx. 20-28 and is marketed as a breathable wrap	Super Therm® is a breathable liquid insulation coating that blocks air, wind driven rain and is also a ASTM certified water barrier . Has a perm of 9.8 and allows for moisture vapor to pass through wall cavity
Stop Heat transfer	Does not stop heat transfer. Cannot stop building from losing heat in the winter and gaining heat in the summer.	Super Therm® is ASTM proven to minimize the ability of heat to load on interior and exterior walls, interior ceiling and exterior roof . Has high emissivity of .91 Super Therm® special ceramics compound will block heat transfer. Will keep the heat in building when used on interior ceilings and walls and heat out when used on exterior walls and roof.
Prevent Mold and Mildew growth	Does not have anti mold and mildew inhibitor compound	Super Therm® has been ASTM tested to resist and prevent mold and mildew from forming on its surface
Reduce Sound Waves	Has no sound deadening qualities	Super Therm® has been ASTM tested to reduce sound transmission and to deaden sound waves by up to 50% . Making building envelopment quiet.
Thermal Shorts & Gaps	Mechanical staples and fasteners used to apply wrap can create thermal shorts which reduce energy savings	Super Therm® is a fluid applied monolithic, seamless insulation solution that is fully adhered by just painting it on and does not create thermal shorts . This improves energy savings.
Tear Resistant	Building and House wraps are mechanically attached and known to tear during application	Super Therm® is painted on to a smooth finish and cannot tear
Interior application existing buildings	Building and House Wraps are not used on interior Walls or Ceilings of existing or new construction buildings and homes	Super Therm® can be used on interior ceiling and walls to keep the heat in during the winter and to prevent air and water infiltration while letting moisture vapor pass through . No need to tear out walls or ceiling to re insulate, just paint on Super Therm®. Super Therm® ceramic compound will prevent heat load on the surface of substrates. Super Therm® has a smooth finish and once dry can be painted over with any color desired.
UV Exposure	Allows up to 270 days of UV exposure	20 years protection against UV exposure
Smoke and Flame spread	Building and House wraps smoke and flame spread rating typically falls between 10 and 30	Super Therm® has an ASTM tested 0 smoke and 0 flame spread. It doesn't get any better than 0. Will not contribute to flash fire.
Interior and Exterior Application	Building and House wraps can only be applied on exterior walls and roof	Super Therm® can and will perform the same way if applied on the interior or exterior walls and roofs, providing maximum weather and insulation protection .

These comparisons are astounding. Why use Building / House Wraps that only prevent air and moisture penetration, **when you can use Super Therm® to prevent air and moisture penetration, stop heat gain and loss (insulate), reduce sound noise by 50%, prevent mold and mildew formation of surface of the substrate, avoid loss of productivity by dealing with tear issues and UV, avoid thermal shorts which leads to energy loss and prevent flash fires? Super Therm® the right choice to insulate and weatherize your building and home.**