

ALUMAGUARD® FAMILY OF PRODUCTS

ALUMAGUARD

Our initial offering for exterior weatherproofing in 1997 replaced failing mastic/fab/mastic installations and hard to seal metal jacket installations. A cross laminated high strength polyethylene laminate with natural aluminum laminated to our proprietary rubberized bitumen compound. There is no adhesive in our product, the nature of our rubberized bitumen compound is inherently tacky and self adhesive. At less than .01 perms, the ability to self heal if damaged, and a 400% elongation before break makes **Alumaguard** the perfect membrane for waterproofing and vapor proofing exterior insulation on duct or pipe systems.



ALUMAGUARD LITE

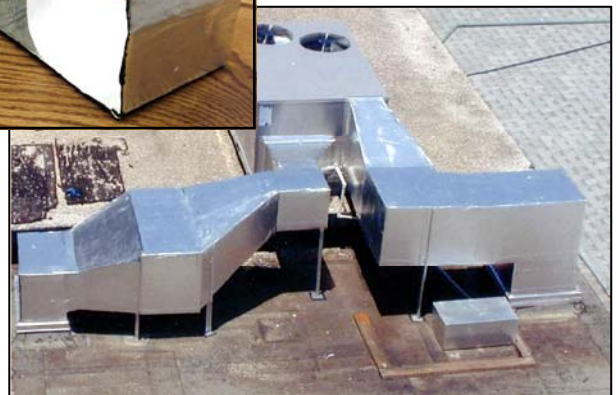
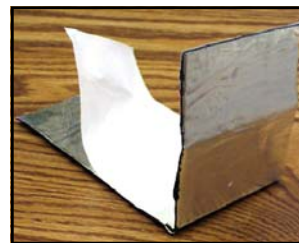
In 2006 we saw the need for a product constructed with light weight high strength film with a low temperature applicable acrylic adhesive, having zero permeance, satisfying the criteria of ASTM E-84 testing. Though originally designed for installation on the bottom of **Alumaguard** exterior duct installations, **Alumaguard Lite** has been improved significantly and can now be installed on entire



duct and piping systems. Available in smooth or stucco Aluminum, and white (indoor only), it fits the bill for commercial work indoors and out. (We do not recommend an acrylic adhesive backed product on cold systems lower in temperature than a chilled water system due to the high levels of expansion/contraction of those systems).

ALUMAGUARD LT

The only complaint from contractors concerning **Alumaguard** was low tack when installing the product below 55°F, requiring them to use a heat gun or solvent based activator. In 2007 we designed a hybrid product which is a combination of our proprietary rubberized bitumen **Alumaguard** and our acrylic adhesive system from **Alumaguard Lite**. **Alumaguard LT** is zero perm, it retains its ability to self heal if damaged, and the product now can be installed in the cold fall and winter months *WITHOUT* heat or solvent activators. It is the perfect hybrid product.



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This information is based on our best knowledge, but
POLYGUARD cannot guarantee the results to be obtained.



Polyguard is ISO 9001 certified since 1996.