ALUMAGUARD® FAMILY OF PRODUCTS

ALUMAGUARD®
The ‘original’, Alumaguard® was Polyguard’s initial offering for exterior weatherproofing in 1997 to replace failing mastic/fab/mastic installations and hard to seal metal jacket installations on exterior duct or piping applications. A high strength, multi-layer polyester laminate with natural aluminum laminated to our proprietary rubberized bitumen compound. The natural tackiness of rubberized asphalt allows Alumaguard to self-adhere to the substrate. Rubberized asphalt has the ability to flow together if punctured giving Alumaguard self-healing properties as well. Together with a true Zero Perm rating and excellent elongation, Alumaguard remains the standard by which all other cladding systems are measured.

ALUMAGUARD® LITE
In 2006 Polyguard introduced Alumaguard® Lite to meet the need for a lightweight high strength cladding material incorporating acrylic adhesive that can be effective in cold weather applications. Available in smooth silver and silver embossed, Alumaguard Lite meets ASTM E84 testing requirements for indoor applications. It offers true Zero Perm performance. Due to its lightweight, Alumaguard Lite is recommended for use as the bottom layer on Alumaguard exterior duct applications. This eliminates the extra cost associated with pinning the original Alumaguard membrane.

ALUMAGUARD® ALL-WEATHER
In 2007, Polyguard introduced Alumaguard All-Weather, a truly innovative concept which combines the best attribute of the original Alumaguard, its’ self-healing characteristic, with the cold-weather applicability of Alumaguard Lite. Alumaguard All-Weather is a multi-ply laminate film coated with rubberized asphalt to which a metalized film coated with cold-weather acrylic adhesive is laminated. This hybrid product is lighter than Alumaguard so it can be used completely around exterior ductwork with no pinning required for the underside of the duct.

ALUMAGUARD® COOL WRAP
In 2012 Polyguard introduced its’ Cool Wrap bright white high performance surface finish. Available on Alumaguard, Alumaguard All-Weather and Alumaguard Lite, the Cool Wrap finish meets the same reflectivity and thermal emittance criteria used in defining Cool Roofs. It exceeds the California Title 24 requirements of greater than 75% Emissivity and Reflectivity as well as the Cool Roof Rating Council (CRRC) initial requirements. It can be considered a LEED point contributor to Energy and Atmosphere Credit 1. The bright white matte Cool Wrap finish has been tested and been shown to be highly UV and weather resistant.

Refer to the individual product data sheets for the Alumaguard product family at:

http://www.polyguardmechanical.com

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