



Perforated Corrugated Aluminum Wrap

PCA
Patented



PRODUCT DESCRIPTION

Integrity Products' Perforated Corrugated Aluminum (PCA) is designed to create a consistent 6mm air gap between the insulation and the metal cladding. Used in conjunction with our vents and drains, this 3-part system creates the Integrity Products' Insulation Ventilation System. This high-quality aluminum material is design for flexibility and strength which can help protect the insulation and the outer cladding from mechanical damage. The PCA inner jacketing allows any moisture or vapour trapped in the insulation to pass into the gap that has been created, drain to the 6 o'clock position and exit the system through the drains.

PRODUCT APPLICATION

To extend the service life of the insulation and piping equipment, Integrity Products' Perforated Corrugated Aluminum Wrap (PCA) is installed dimpled side out and fully encompasses the exterior of the insulation. It can be installed on all insulation types, on all pipe sizes and in hot and cold applications. Once installed the outer finish cladding is installed over the PCA as normal keeping in mind that the PCA has added a total of 12mm to the outer diameter of the insulation. The product can be utilised on new insulation systems in order to prevent moisture build up and also retro fit on damaged/soaked insulation in order to assist with drying.

MATERIAL SPECIFICATIONS

MATERIAL(S)

Aluminum

COLOR

Silver

THICKNESS

0.016, 0.020

TENSILE STRENGTH

129 MPa

ELONGATION

13%

MELTING POINT

1220°F (660°C)

COMPOSITION DIFFERENCES IN ALLOYS

CU < 0.003

MN 0.035

MG < 0.005

ZN 0.007

INSTALLATION

The Integrity Products' Perforated Corrugated Aluminum Wrap (PCA) comes in aluminum rolls of 3 ft x 75 ft. This product is placed over the insulation and secured into place with wire, banding, or tape. The metal cladding is placed over the PCA and installed as normal.

NOTE: Metal cladding should be oversized by a total of 12mm to the outer diameter of the insulation to accommodate the Perforated Corrugated Aluminum Wrap.

