

Exterior Protection and Restoration



Foil-Sealant Warranty System

Protecting Rooftop HVAC Equipment, Ductwork and the Building Envelope while ensuring HVAC System Efficiency

The Hardcast Foil-Sealant Duct Sealing System, a system that reduces ductwork air leakage, energy loss, and moisture intrusion, is a combination of rolled sealant and mastic. When properly installed, the Hardcast Foil-Sealant Duct Sealing System is eligible for a 10-year material only warranty.

This system includes Hardcast's Iron-Grip® 601, Spray-Seal™ or Versa-Grip™ 181 liquid mastic sealant. Once the liquid sealant has cured completely; the mastic is overlaid with 4" of Hardcast's AFT-701 rolled sealant. This non-cracking, flexible, UV resistant Foil-Sealant Duct Sealing System will help meet the ASHRAE 90.1 2012 Duct Construction Handbook requirement of less than 2% air leakage on outside supply, return and exhaust duct work for a period of 10 years if properly installed, maintained and used for the purpose intended by Carlisle HVAC.

Ensure the longevity and efficiency of rooftop ductwork and HVAC equipment with our Hardcast Foil-Sealant Duct Sealing System.



Exterior Line Set Protection

These products are our answer to protecting line sets exposed to the elements. Although different in application, they both meet code requirements being adopted across the country.



Why choose TPO Line Set Wrap?

The TPO rolled mastic sealant is a 6.5 mil TPO membrane laminated to a butyl adhesive sealant to form a 22 mil composite. The TPO Line Set Wrap is applied by peeling off the release liner while covering the pipe wrap insulation. Since this membrane is 100 % solid, there is no shrinkage or additional coats required due to absorption by the insulation. This gives the product superior protection against damage from moisture, landscaping, operations, equipment maintenance, and wind.



Why choose SEAL-TACK™ White?

Seal-Tack is a water-based insulation coating engineered to coat foam wrapped duct insulation and to seal cut ends of fibrous glass duct liner and it provides exceptional strength, along with weather and sunlight resistance, provides application flexibility for both indoor and outdoor use.



Benefits of Exterior Line Set Protection:

- Both provide excellent UV protection
- Both offer superior protection against moisture and weather
- Both meet code requirement

For almost 50 years, Carlisle HVAC Products, a vendor partner and member of the National Air Duct Cleaners Association (NADCA), has been providing innovative, high-performance products for the Heating Ventilation and Air Conditioning (HVAC) industry. Carlisle HVAC's Hardcast and DynAir brands can provide contractors with all the materials necessary to ensure duct systems function at optimum levels. Carlisle HVAC offers rolled mastic sealants, mastics, adhesives, coatings, airflow management hardware, and much more.

Restoration Sealants

RS-100

RS-100 sealant is a special purpose, sprayable sealant, designed to be used internally. Of prime importance in hospital applications, RS-100 provides a surface that is resistant to mold and bacteria growth.

- Can be spray applied by robots after installation of ducts at site or by spray gun at the fabrication shop
- Water-Based; Does not carry any pesticide or harmful chemicals



RE-500

RE-500 is a high-performance, spray-applied insulation encapsulant and coating for use inside the HVAC ductwork. RE-500 coating is formulated with EPA registered chemicals to resist microbial growth on the surface of the coating.

- Cost effective
- Available in both black & white colors
- Very low-VOC product, ideal for hospitals and schools



USA: 900 Hensley Lane, Wylie, TX 75098 • (877) 495-4822

Canada: 205 Brunswick Boulevard, Suite 300, Pointe-Claire, QC H9R 1A5 • (800) 544-5535

www.hardcast.com

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