HARDCAST
DUCT SEALANTS & INSULATION ADHESIVES

Contributes to LEED® Credit Requirements

Aluma-Grip™ AFT-701

Indoor/Outdoor Rolled Mastic Sealant

PART NUMBERS

304078	1 Case w/ (24) 2" x 50' Rolls
304079	1 Case w/ (16) 3" x 50' Rolls
304080	1 Case w/ (12) 4" x 50' Rolls
304081	1 Case w/ (8) 6" x 50' Rolls
304082	1 Case w/ (4) 9" x 50' Rolls
304077	1 Case w/ (4) 12" x 50' Rolls

TECHNICAL DATA

Appearance	Mill finish aluminum substrate with gray adhesive/sealant
Backing	Aluminum
Thickness	30 mils
Sealant Material	Modified Butyl
Peel Strength	>10 lbs. per linear inch
Tensile Strength	720 psi avg.
Elongation	560% avg.
Flexibility	Excellent, no cracking
Bonding Time	Instant high tack, full bond 24 hours
Time to Test	Immediate
Service Temperature	-20°F to 180°F
Surface Burning	Flame spread……..25 Smoke developed…50 *(When tested in accordance with ASTM E84)*
Weather Resistance	Passes 2,000 hours QUV *(When tested in accordance with ASTM G53)*
Mildew Resistance	Mold and mildew resistant
VOC	0 g/l
Pressure Classes	SMACNA ½", 1", 2", 3", 4", 6" and 10" w.g.
Seal Class	Meets Seal Class A
Packaging	50' rolls in 2", 3", 4", 6", 9" and 12" widths. 200 ft.² per case (150 ft.² for 9")

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
VOC Limitation	SCAQMD Rule 1168	Pass

Aluma-Grip AFT-701 is a heavy-duty, pressure-sensitive, 40-year-cycle, duct joint rolled sealant. AFT-701 provides an aggressive water-resistant grip to most surfaces including sheet metal, duct board, flex duct, PVC-coated duct, and duct wrap vapor barriers. AFT-701 is suitable for subgrade application on PVC-coated duct.

APPLICATION

Temperature	35°F to 110°F (1.7°C to 44°C)
Method	Cut desired length, peel off release liner and apply. Removal or repositioning may damage AFT-701 and surface. Overlap at ends. Use squeegee with heavy pressure to ensure complete contact.
Preparation	Surface must be dry and free of dirt, oil and grease.
Clean Up	UN-TACK™ or Solvent (Use safe handling practices.)
Painting	Use paint appropriate for aluminum

STORAGE

Temperature	35°F to 110°F (1.7°C to 44°C) DO NOT FREEZE
Shelf Life	24 months
Flammability	Non-flammable

PRECAUTIONS

Surfaces must be clean and free of moisture and contamination. Do not apply this product in areas where temperatures will exceed 200°F. Keep out of the reach of children. DO NOT use where acidic or alkaline chemicals are present (e.g., lab fume hood, vents, etc.)

For Industrial Professional Use Only.

CARLISLE HVAC PRODUCTS

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