

Paramount ADHINS™ Air-Seal Acrylic Duct Sealant

About

ADHINS™ - Air-Seal Acrylic Sealant is an easy-to-use, highly flexible, one-part, water-based duct sealant. It has been formulated to seal and fill gaps of low-movement metal assembly joints in low, medium, and high-pressure HVAC ductwork installations to prevent air leaks. It is suitable for interior and exterior applications and combines high joint movement characteristics with excellent weather resistance. Due to its Low VOC content and food-grade nature, it is safe to be used in confined spaces.

It can also be used for caulking, grouting, jointing, and embedding in building construction and is compatible with most materials e.g. concrete, wood, brick, natural and artificial stone, metal, and sanitary ware. ADHINS™ - Air-Seal Acrylic Duct Sealant is flexible and resists cracking, giving a smooth finish that is suitable for interior and exterior use.

Product Features & Benefits:

- One Part Ready to Use Water Based Sealant
- Food Grade
- UV Resistant
- Paintable, Durable and Crack Resistant
- Excellent Mold and Mildew Resistance when cured
- Excellent Elasticity
- Low Shrinkage & Non-slumping
- Meets ASTM D3960 & Conforms LEED 2009 EQ c.4.1

TECHNICAL SPECIFICATIONS

S No.	Properties	Technical Details
1.	Composition.	Water-Based Acrylic
2.	Curing method	Water evaporation
3.	Shore A Hardness	45
4.	Tensile Strength	1.3± 3%N/mm ²
5.	Movement Accommodation	±10%.
6.	Application Temperature	-10 to +90°C
7.	Surface dry.	.5 to 1 Hours
8.	Hard dry	24 Hours
9.	Food Grade	as per ANSI/NSF-51
10.	VOC by mass	0.018% as per ASTM D3960
11.	Heat resistant & Impact resistance	as per ANSI/NSF-51 Clause 7.5.2
12.	Superior Adhesion Strength	as per ANSI/NSF-51 Clause 7.5.3

