



airmaster



TECHNICAL DATA SHEET 32-17

airmaster AS3217 High quality, paintable, water-borne acrylic emulsion adhesive and sealant for metal ducting.

Description

airmaster AS 3217 is a high quality, water-borne acrylic emulsion adhesive and sealant designed specifically to eliminate the hazards of conventional duct sealant, while still providing the correct blend of adhesion, flexibility and ease of use when sealing all types of metal duct work. Being a water-borne formulation, it is safe to use in all normal conditions.

	PARAMETERS	VALUE OBSERVED
01	Type of adhesive	Water Based
02	Viscosity	Non Sag
03	Color	Gray - White
04	Consistency	Smooth creamy paste
05	Non-Volatile, by weight	84%
06	Weight per Litre	1.55 to 1.60
07	Tack Free Time	15 minutes
08	Skin Time	3-6 minutes
09	Working Temperature	5oC – 42 oC.
10	Service Temperature	- 5oC + 85 oC.
11	Weather Resistance	Weather Resistant
12	Mildew Resistance	Mold and Mildew resistant
13	Storage	Non-Freezing
14	Shelf Life	12 months in closed container

Uses :

airmaster AS 3217 is specifically designed for sealing metal lap joints, air conditioning and other duct Work.

Advantages :

- Easy to apply
- Easy to clean up
- Non-toxic
- Non-flammable
- Paintable

Application Instruction :

Surface preparation

All surfaces should be clean and dry, free of oil, grease or other contaminants. Where surfaces need cleaning, this can be done using a rag moistened with Solvent 10, or a high strength detergent cleaning solution. Solvents can clean surfaces satisfactorily, but will introduce potential health and safety hazards, and should be used with care.

Application :

airmater AS 3217 should only be applied at temperatures between 10°C and 35°C. Cut cartridge nozzle to suitable size and angle, cut end off cartridge seal, fit a nozzle and place the cartridge into a suitable cartridge gun. apply **airmaster** AS 3217 along the joint surface, combine components, then drill and pop rivet the lap joint. Protect from rain or other water contact for at least one hour after application, and allow to cure fully before placing ducts into service – leave at least 48 hours at 20°C, or longer if temperature is low or humidity is high.

Clean up :

Clean up **airmaster** AS 3217 with detergent and water while still uncured. Cured material will require use of organic solvents, so equipment and material should always be cleaned immediately after use.