



DATA SHEET MEZ-AEROSEAL

MEZ-AEROSEAL is a stable, non-toxic, non-flammable emulsion of water and vinyl acetate polymer that is aerosolized into 4-10 micron-sized particles and distributed under pressure throughout the inside of the duct system. The particles deposit only at the leaks sites and build to form a tenacious and tight air seal, remaining firmly in place for years while staying completely pliable and flexible. Seal remains effective over a wide range of operating pressures, temperatures and humidity levels found in residential, commercial and industrial air duct systems.

TECHNICAL DATA

| | |
|---------------------|--|
| Packaging | 3,79 litre plastic bottle (1 gallon) |
| Colour | Milky white (wet); Clear (dry) |
| Base | Vinyl acetate polymer |
| Dispersion | Water |
| Weight | approx. 4 kg per plastic bottle |
| Solids content | 35% - max. 40% |
| Viscosity | > 1 centistoke at +20°C |
| Flexibility | Remains flexible indefinitely |
| Time to test | Dry to the touch upon application. Can test within 10 min of application |
| Service temperature | approx. -29°C to +249°C |
| Moisture resistance | Very good |
| Mildew resistance | Mold & mildew resistant |
| VOC | 10,7 g/l (Dried sealant) |

TESTS

| | |
|---------------|--|
| VOC (Germany) | The tested product complies with the requirements of DIBt (October 2010) and AgBB (June 2012) |
| VOC (France) | The tested product is classified to emission class A+. This recommendation is based on the French regulations of March 23 2011 (décret DEVL1101903D) and of April 19 2011 (arrêté DEVL1104875A). The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market. |



TESTS

| | |
|-------------------------|--|
| VOC (Belgium) | The tested product complies with the requirements of the Royal Decree for establishing threshold levels for the emissions to the indoor environment from construction products for certain intended use (May 2014) |
| Hygiene (Germany) | Meets the requirements of VDI 6022 concerning microbial inertness and is thus suitable for use in HVAC systems |
| CMR Substances (France) | The tested products fulfill the requirements of the French regulation DEVPO908633A of 30 April 2009 and DEVPO910046A of 28 May 2009. |

PREPARATION

First, manually repair any leaks found during duct inspection > 1,5 centimeter span, and remove accumulated dust/dirt build-up in ducts if > 0,3 centimeter.

NOTE: Ducts can be cleaned after AEROSEAL application.

APPLICATION

| | |
|-------------|---|
| Temperature | -17,8°C to 43,3°C |
| Rate | Internal coverage at all joints, seams and penetrations, 0,8 to 2,9 litre/hour seal rate (depending on pump setting) |
| Clean up | (Liquid) Mild soap and hot water or AEROSEAL emulsifier (Dried) AEROSEAL adherent remover or citrus-based cleaners |

STORAGE

| | |
|--------------|---|
| Temperature | 0°C to 48.9°C (DO NOT FREEZE!) |
| Shelf life | Indefinite (Unopened) |
| Flammability | Non-flammable |

PRECAUTIONS

Use only in well-ventilated areas. Installers should wear dust or fume respirator if inhalation exposure is possible. Fume respirator should have organic vapor-type-breathing cartridge if full, prolonged exposure to aerosol is necessary. Keep out of reach of children. For use and application by trained AEROSEAL professional installers only.