

AEROFLEX INSULATION ACCESSORIES

Aerocoat Technical Data Sheet

Pure acrylic emulsion protective coating for EPDM insulation

Aerocoat is a water-based pure acrylic emulsion paint manufactured by Aeroflex Co., Ltd. for their own EPDM closed-cell insulation. Applied over exposed pipe and duct insulation it forms a flexible, permanently bonded barrier against ultraviolet light, weathering and fungal growth. With **elongation of more than 400%** and a built-in adhesion promoter it moves with the foam when the insulation is squeezed or compressed, rather than cracking or peeling. Suitable for indoor and outdoor service, and widely used as a colour-coding coat to identify pipe functions at a glance.

COVERAGE

946 ml (1/4 US gallon)

AIRPAINT-WHITE-946ML / AIRPAINT-BLACK-946ML

Approx. **9.5 m²** per coatApprox. 4.7 m² finished at two coats**3.785 L** (1 US gallon)

AIRPAINT-WHITE-3.785L / AIRPAINT-BLACK-3.785L

Approx. **36 m²** per coatApprox. 18 m² finished at two coats

APPLICATION

1. Surface must be thoroughly clean and free of oil, grease and other contaminants. Where a surface has been painted before, remove as much old paint as possible. The surface must not be chalky.
2. Dilute with clean water at 5–10% by volume. Stir thoroughly before applying.
3. Apply by brush or roller. No primer is required.
4. Allow at least 2–3 hours before the second coat. Repeat for a third coat if required.
5. Clean equipment with water.

TECHNICAL PROPERTIES

Type	Pure acrylic emulsion paint, water-based	Elongation	More than 400%
Coverage	Approx. 10 m ² per litre per coat	Specific gravity	1.10 – 1.30
Coats recommended	2–3	Viscosity	95 – 105 KU at 25°C
Primer	Not required	Flexibility	Excellent
Dilution	Clean water, 5–10% by volume	Flammability	Self-extinguishing
Application	Brush or roller	UV & fungus resistance	Excellent
Touch dry	≤30 min at 25°C, 70% RH	Weather resistance	Excellent
Recoat interval	2–3 hours	Service life	More than 10 years

Storage

Above 0°C, avoid freezing. Keep containers closed. Do not keep diluted material beyond 5 days.

Colours

White and black stocked. Manufactured in 12 shades; colours may be intermixed, or tinted with acrylic master batch at ≤10% by volume.

SAFETY

Classified under GHS. **Signal word: WARNING.** Causes mild skin irritation and eye irritation; harmful to aquatic life. The white product may additionally cause an allergic skin reaction. Wear protective gloves and eye protection, use in a well-ventilated area, and keep out of reach of children. **Read the Safety Data Sheet for the colour you are using before handling.** A separate Safety Data Sheet applies to the white and black products — they are not interchangeable.