

AEROSEAL[®]



AEROSEAL[®]
Adhesive for
AEROFLEX[®] Insulation

AEROSEAL[®] Adhesive

for bonding AEROFLEX[®] closed cell elastomeric insulation



Description

AEROSEAL is a Modified Neoprene Contact Adhesive specially formulated for bonding Aeroflex Insulating Materials firmly together. Also, ideal for use with other materials like Metal (painted / unpainted), Cork Board, Polyurethane Foam Rigid PVC Sheet, Formica, and Melamine Board and Rubber Sheet.

The high water vapor resistance and good weathering properties of AEROSEAL can prevent water or moisture from penetrating through the joining points.

AEROSEAL is able to form a strong, firm and permanent bonding between the applied materials providing long lasting service.

Application

1. Surfaces of materials to apply should be dry, clean and free from dust, grit, oil, grease or any other loose materials.

2. Stir AEROSEAL well before applying a thin and even coat of AEROSEAL onto both joining surfaces by using a short hair brush, spreader or metal blade.

3. Allow solvents content of AEROSEAL to evaporate until the adhesive becomes dry to touch, but tacky, before joining the materials together normally 5-30 minutes.

4. Bonding is possible within 2 minutes after application if used on absorbent or permeable materials such as, Aeroflex Insulation, cork board and chipboard.

If applied on non-absorbent or non-permeable materials like rubber or metal, a minimum of 5 minutes should be allowed to elapse before the surfaces can be bonded.

5. Press the surfaces to be bonded together under firm pressure.

Properties

| | |
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| Appearance | Black viscous liquid |
| Total Solids | 22±2% |
| Viscosity at 25°C | 3500 – 4500 Cps |
| Specific Gravity | 0.88 – 0.90 |
| Coverage (apply adhesive both surfaces) | 130 – 180 ft ² / gallon (3 – 4.5 m ² / liter) |
| Bond Strength at | |
| Open Time 5-15 min | Min 1.25 kg / cm ² |

Storage and Shelf Life

AEROSEAL can be preserved for at least six months in well sealed containers. Recommended storage temperature range from +5°C to +35°C. Avoid keeping AEROSEAL

under conditions that are out of the recommended storage temperature range.

Health and Safety

Advisable to work in well ventilated areas to avoid inhalation of vapor from solvents.

The solvents contained in AEROSEAL are inflammable and subjected to legislation regulating their storage and use.

Keep away from fire, and materials which may cause fire such as paper, cloth, plastic etc. AEROSEAL contents flammable liquid but dried material is an self-extinguish adhesive.



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