

Cleanroom

Window Perimeter

Concrete Joint

AS-4005 / AS-4005S Cleanroom MS Sealant

ALSEAL Cleanroom MS Sealant is a single-component, paintable elastomeric sealant based on advanced MS Polymer technology. Its unique formulation complies with SCAQMD Rule 1168, making it ideal for green building projects. Designed for environments where airborne particulate and TVOC emissions are a concern, AS-4005 releases virtually no contaminants into the atmosphere, as confirmed by ISO 14644-8, -15; ISO 16000-6, -9, -11, -25; and VDI 2083 Part 17 testing by CSM (Cleanroom Suitable Materials). This makes it suitable for use in semiconductor/electronics, aerospace, and automotive cleanroom environments.

Applications: It's recommended for use in cleanroom environments like manufacturing / operations plants in semiconductors, solar panels, hard disc, flat panel screens, optical equipment, microsystems, automotive, and aerospace industries. It is also recommended for various sealing applications in green buildings like sealing concrete joints (precast wall panels, expansion joints, control joints, FRC boards, etc.), window & door frame perimeter, etc. Other applications include sealing of anodized aluminum, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, uPVC, polystyrene, and stainless steel.

Approvals / Specifications:

- ▶ Good Environmental Choice Australia (GECA) certified
- ▶ Low VOC - USEPA Method 24 under SCAQMD Rule 1168
- ▶ Cleanroom Suitable Material (CSM) ISO-ACCm Class -7.1 (AS-4005 White)

Available colours: White (Black or grey colours available upon request)

Product Code	Content	Carton Quantity
AS-4005	290 ml / Cartridge	20 / Carton
AS-4005S	600 ml / Sausage	20 / Carton



Features:

- ✓ Cleanroom sealant (white only)
- ✓ Good UV resistance
- ✓ Paintable
- ✓ Low static charge – Less dirt streaking
- ✓ No silicone oil – Non-staining on adjacent substrates
- ✓ No isocyanate – No blistering
- ✓ No solvent – No shrinkage
- ✓ Bonds most substrates without primer