

Painting Aerocel® EPDM Closed Cell Elastomeric Insulation

We are often asked if Aerocel EPDM insulation can be painted to match existing color schemes in or on a building for aesthetic purposes. The answer is that it depends.

For exterior applications, Aerocel insulation should only be covered with Aerocoat™ or Aerocoat LVOC™ UV-protective coatings (available in white only). These insulation coatings are designed to prevent UV degradation and expand/contract (up to 400% elongation) with Aerocel EPDM insulation through daily ambient temperature cycles. Additionally, the white color rejects solar radiation and potential heat gain.

Can Aerocoat™ or Aerocoat LVOC™ be painted over? This is not recommended because the selected exterior paint may not have the same elongation properties and can be subject to cracking under stress. Additionally, darker paint colors tend to generate unnecessary heat gain on the insulation surface. Painting over Aerocoat™ or Aerocoat LVOC™ will void Aeroflex USA's express limited warranty.

For interior applications not subject to UV exposure (i.e. sunlight through an untinted window), painting Aerocel EPDM insulation to match existing color schemes is acceptable and will not void Aeroflex USA's express limited warranty.

However, Aeroflex USA does not make decorative paint recommendations. The paint selection should be made by the owner, architect, engineer or contractor after consulting with the paint manufacturer for the application over closed cell elastomeric foam insulation.