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TECHNICAL BULLETIN

Fully Adhered Single Ply Roofing Over Tectum™ Composite Roof Decks

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TECTUM Inc. • P.O. Box 3002 • Newark, OH 43058 • www.tectum.com • 1-888-977-9691

A variety of waterproofing systems have been used over Tectum III, E, and NS roof decks. These composite decks are often used in low slope as well as steep slope applications. Single ply membrane roofing has been successfully installed both as mechanically fastened and fully adhered. The use of solvent-based adhesive systems is not recommended over Tectum composite decks. Single ply manufacturers have available non-solvent based systems for attachment of their roofing.

Studies have shown that the solvent in these adhesives can penetrate the OSB, which is the attachment surface of Tectum composite decks. If this happens, the solvent will attack the foam and the structural integrity of the panels will be compromised. An alternate method of attachment other than solvent-based adhesives must be used.

CAUTION: Do not use solvent-based adhesive over Tectum III, Tectum E, or Tectum NS roof decks for the attachment of roofing materials.