

Product Evaluation

RE: Review of NCFI (TerraThane) 24-003

PRODUCT INFORMATION

Product Name: NCFI (TerraThane) 24-003 Manufacturer: NCFI Polyurethanes, Mt Airy, NC, USA
Website: <https://ncfigeo.com/> Supplier: Poly-Mor Canada LTD, Edmonton, AB

VENDOR CLAIMS AND INFORMATION

CLAIMS

The TerraThane 24-003 is hydrophobic in nature and allows it to maintain exceptional physical properties even in saturated conditions. Each batch goes through stringent testing and quality assurance standards to ensure reliability in the field. Web link for this product: www.ncfigeo.com.

DESCRIPTION

TerraThane 24-003 is a 4lb hydrophobic/ hydro-insensitive, MDI-based, water blown system that is designed for exceptional spread and lifting capacity.

POTENTIAL USAGE

The TerraThane 24-003 product line is comprised of uniquely formulated, dual-component systems designed for a variety of geotechnical applications, such as concrete lifting, soil compaction, void filling, and I/I mitigation.

STANDARDS

ASTM D 1622, D1621, D1623, D2842,

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has used this product for a void filling purpose.

APPLICABLE STANDARDS

Transportation and Economic Corridors references specification 2.4 Culverts for grouting of abandoned culverts.

RECOMMENDATIONS:

TerraThane 24-003 be listed as a Trial Product under Transportation and Economic Corridors Products List, Void Filling – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

Installed at a ramp from Ellerslie Road onto Highway 2 in fall 2024.

Rishi Adhikari

cc New Product Evaluation Group – Kristen Tappenden
Landon Keep / Tyler Donovan / Dominique Grell / Bradley Maguire