

Nordic Void is a strong, flexible and water resistant closed-cell elastomeric Void Form designed to be compliant yet resilient when used under suitable pile/pile-cap (caisson), pile cap/grade beam and slab on grade foundations.

MATERIAL PROPERTY	MATERIAL DATA	TESTING METHOD
Thermal Conductivity k (mean) @ 24 °C (75 °F)	0.071 W/m*K (.49 Btu-in/hr-ft ² -F)	ASTM C518
Thermal Resistance R-Value (RSI) @ 24 °C (75 °F)	R – 2.0 Hr-ft ² -°F/Btu (RSI – 0.35 m ² ·K/W)	ASTM C518
Compressive Deflection: 10% Compression 25% Compression 50% Compression	44.8 kPa (6.5 psi) 55.2 kPa (8.0 psi) 110.3 kPa (16.0psi)	ASTM D3575
Compression Set: @ 50% compression	< 20%	ASTM D3575
Compressive Creep 300 hours & 1,000 hours @ 13.8 kPa (2.0 psi) 300 hours & 1,000 hours @ 17.3 kPa (2.5 psi)	< 5% @ 300 h / <10% @ 1,000 h <10% @ 300 h / <15% @ 1,000 h	ASTM D3575
Tensile Strength at Peak	166 kPa (24 psi)	ASTM D3575
Tear Strength	1.31 kN/m (7.5 lb/in.)	ASTM D3575
Thermal Stability - % shrinkage	< 2.0 %	ASTM D3575
Water Absorption	1.5 kg/m ² (0.3 lb/ft ²)	ASTM D3575

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