

January 15, 2021

## **TECHNICAL BULLETIN #181 – ‘Boreal Elite’ Water Absorption**

In accordance with the CAN/ULC S705.1 Material Standard, the water absorption performance of Genyk ‘Boreal Elite’ is measured using the ASTM D2842 volumetric method. As required by the ASTM D2842 test, products are completely submerged in water for twenty-four hours. After the water submersion, the sample is measured for water absorption.

Genyk ‘Boreal Elite’ has a water absorption performance rating of 1.6%.

Although ‘Boreal Elite’ does absorb minimal water, given the extensive time period necessary for water penetration, the product can, and is, often used as a tertiary water retarding membrane.

Please note that because ‘Boreal Elite’ is subject to UV degradation, and will absorb water over an extended period of time, the product should not be considered a primary water retarder. However, when used in conjunction with exterior cladding and/or roofing membranes, and in tandem with waterproofing systems, Genyk ‘Boreal Elite’ is an effective moisture retardant.

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