



## Ünitex 7mm FR

The Ünitex was designed to offer high stiffness properties. The structural properties of the Ünitex allows to makes stand alone application.



### VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	
<b>Reference</b>	Ünitex 7mm FR
<b>Final manufacturing location</b>	Saint-Elzear-de-Beauce, QC, G0S 2J0 CANADA
<b>Composition</b>	Black and white polyester fibers, Acrylic styrene, Recycled polyester fibers, Phosphate esters, Ammonium stearate, Copolymer of fluoroalkyl metacrylate.
ATTRIBUTES	
<b>Recycled Content</b>	Pre-consumer: 6.7% Post-consumer: 6.7%
<b>Sourcing of raw materials</b>	The extraction locations of raw materials have been documented for 72.7% of the final product components, based on weight ratio.
<b>FSC® Certification</b>	-
<b>Rapidly renewable materials</b>	-
<b>Biobased materials</b>	-

ENVIRONMENTAL IMPACTS	
<b>Life Cycle Assessment</b>	-
<b>Product's carbon footprint</b>	-
<b>Environmental Product Declaration</b>	-
INGREDIENTS AND EMISSIONS	
<b>Declaration of chemical ingredients</b>	-
<b>Type of declaration</b>	-
<b>Emission test</b>	-
<b>VOCs</b>	-
<b>Formaldehyde</b>	-
<b>Others</b>	-

### Product's contribution to LEED® v4

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TECHNICAL PERFORMANCES	
<b>Performance tests</b>	ASTM C423 / SAA 0.23 / SAA with 25.4mm Air Gap 0.34 / NRC 0.23 / NRC with 25.4mm Air Gap 0.34 / ASTM E-84 (FLAME SPREAD) CLASS A
<b>Expected life</b>	-
MANUFACTURER'S ENVIRONMENTAL MANAGEMENT	
<b>ISO 14001 Certification</b>	-
<b>Extended Producer Responsibility</b> (Take Back Program)	-
<b>Corporate Sustainability Report</b> (CSR: GRI, ISO 26000, BNQ 21000 ou autre)	-
CERTIFICATIONS AND CONFORMITY REPORTS	
	

Over the years, Texel has become a master in the needlepunch technology and the transformation and finishing of nonwoven materials according to various sophisticated processes, to the point today of developing and manufacturing innovative technical materials for numerous applications.

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# ENVIRONMENTAL DATA SHEET

Ünitex 7mm FR



## PRODUCT CONTRIBUTION SUMMARY

### LEED® v4 requirements for Building Design + Construction (BD+C)

New Construction, Core and Shell, School, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality and Healthcare.

### LEED® v4 requirements for Interior Design + Construction (ID+C)

Commercial Interiors, Retail and Hospitality.

MATERIALS AND RESOURCES		POINTS	PRODUCT CONTRIBUTIONS
MR	<b>Building Product Disclosure and Optimization – Sourcing of Raw Materials</b> Option 2: Leadership extraction practices May also contribute to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within 160 km of the project site.	1 point	ATTRIBUTES
			Recycled Content Pre-consumer (6.7%) Post-consumer (6.7%)
INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTIONS
EQ Prereq 3	<b>Minimum Acoustic Performance – Schools only</b> <b>Classrooms and Core Learning Spaces ≥ 20,000 Cubic Feet</b> Option 2: Confirm through calculations described in ANSI Standard S12.60-2010 that rooms are designed to meet reverberation time requirements as specified in that standard. <sup>1</sup> The acoustic test results for Ünitex 7mm FR will be supplied upon request.	Prerequisite	ATTRIBUTES
			<sup>1</sup> Ünitex 7mm FR may contribute to this prerequisite if the interior design is coherent with the prerequisite.
EQ	<b>Acoustic Performance</b> Meet the composite sound transmission class (STC <sub>c</sub> ) ratings listed in the Reference Guide. For all occupied spaces, meet the requirements, as applicable, for HVAC background noise, sound isolation, reverberation time, and sound reinforcement and masking. <sup>1</sup> The acoustic test results for Ünitex 7mm FR will be supplied upon request.	1-2 points <sup>1</sup>	ATTRIBUTES
			Ünitex 7mm FR may contribute for the HVAC background noise and reverberation time requirements if the interior design is coherent with the credit.

### LEED® v4 requirements for homes

Applies to single family homes, multi-family (one to three stories), or multi-family (four to six stories). Includes homes and multifamily low-rise and multi-family mid-rise.

MATERIALS AND RESOURCES		POINTS	PRODUCT CONTRIBUTIONS
MR	<b>Environmentally Preferable Products</b> Option 1: Local Production May also contribute to 0.5 point to the location valuation factor if the product is sourced (extracted, manufactured, purchased) within 160 km of the project site. Option 2: Environmentally Preferable Products Ünitex 7.0mm FR does not contribute to 0.5 point. The final products should contain at least 25% post-consumer or 50% pre-consumer content.	0.5 point	ATTRIBUTES
			Recycled Content Pre-consumer (6.7%) Post-consumer (6.7%) Ünitex 7mm FR may contribute in another product assembly with additional recycled content.

It is important to consider that the total amount of possible points reflects the number of achievable points in each credit category. The product itself cannot achieve this score, as defined above, but is considered as a beneficial element in order to achieve LEED® credits.

The data included in this Environmental Data Sheet has been provided by the client and the suppliers, who are responsible for its veracity and its integrity. Vertima follows a rigorous protocol, including an on-site audit of the factory, an audit of the manufacturer's supply chain documentation, and the analysis and validation of all supporting documents. However, Vertima cannot be held responsible for false or misleading information that may cause any loss or damage suffered, in all or in part, caused by errors and omissions relative to the data collection, compilation and/or interpretation. The analysis protocol used by Vertima is available on request.

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