



Düotex™ 6.4mm FR

The Düotex™ was designed to offer curves capabilities along with stiffness properties. The decorative felt product allows to reduce creases when folded.



VALIDATED ECO-DECLARATION

PRODUCT SPECIFICATIONS	
Reference	Düotex™ 6.4mm FR
Final manufacturing location	Saint-Elzear-de-Beauce, QC, G0S 2J0 CANADA
Composition	Black and white polyester fibers, Acrylic styrene, Recycled polyester fibers, Phosphate esters, Ammonium stearate.
ATTRIBUTES	
Recycled Content	Pre-consumer: 7.7% Post-consumer: 7.7%
Sourcing of raw materials	The extraction locations of raw materials have been documented for 80.9% of the final product components, based on weight ratio.
FSC® Certification	-
Rapidly renewable materials	-
Biobased materials	-

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

Product's contribution to LEED® v4

©Copyright 2016 Vertima inc.

TECHNICAL PERFORMANCES	
Performance tests	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
Expected life	-
MANUFACTURER'S ENVIRONMENTAL MANAGEMENT	
ISO 14001 Certification	-
Extended Producer Responsibility (Take Back Program)	-
Corporate Sustainability Report (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.

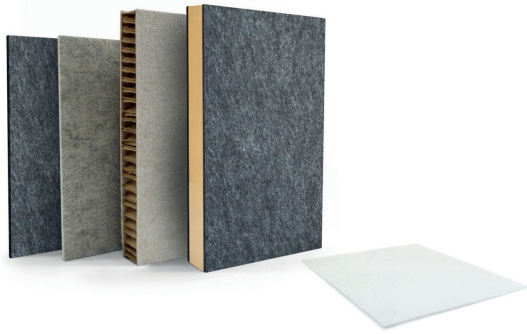
485, rue des Erables, Saint-Elzear-de-Beauce, QC G0S 2J0 CANADA
www.feltkuter.com

MasterFormat®: **12 50 00**
Validated Eco-Declaration:
VED17-1070-05
Original issue date: **2017/06**
Period of validity: **2019/07 to 2020/07**



ENVIRONMENTAL DATA SHEET

Düotex™ 6.4mm FR



- Enhances stiffness without adding low-melt (bicomponent) fibers;
- Wrinkle resistant when folded;
- Soft side (without resin) improves the look and feel;
- Hard side (with resin) gives structural and tackable properties.

ATTRIBUTES

RECYCLED CONTENT

Final product	Weight ratio	Pre-consumer	Post-consumer
Düotex™ 6.4mm FR	100%	7.7%	7.7%
Components (with recycled content)	Weight ratio	Pre-consumer	Post-consumer
Recycled polyester fibers	15.5%	50%	50%

Validated Eco-Declaration – Recycled Content

Methodology: on-site audit, supply chain evaluation, analysis and validation of the recycled content data according to the weight ratio of each of the components used in manufacturing the final product.

Vertima's procedure: VERT-032008-01, Second Edition.

SOURCING OF RAW MATERIALS

Weight ratio	Final manufacturing location
100%	Saint-Elzear-de-Beauce, QC G0S 2J0 CANADA

Validated Eco-Declaration – Sourcing of raw materials

Methodology: on-site audit, supply chain evaluation, analysis and validation of the sourcing of raw materials data according to the weight ratio of each of the components used in manufacturing the final product.

Vertima's procedure: VERT-032008-02, Second Edition.

Product Components	Weight ratio	Extraction locations	Transportation
Black polyester fibers	38.6%	United States	Truck
White polyester fibers	23.2%	United States	Truck
Acrylic styrene	19.1%	N/D	Truck
Recycled polyester fibers	15.5%	South Carolina (US)	Truck
Phosphate esters	3.4%	United States	Truck
Ammonium stearate	0.2%	United States	Truck

The extraction locations of raw materials have been documented for 80.9% of the final product components, based on weight ratio.

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.

Copyright© 2016 by Vertima inc.

Validated Eco-Declaration:
VED17-1070-05
 Period of validity:
2019/07 to 2020/07



ENVIRONMENTAL DATA SHEET

Düotex™ 6.4mm FR

feltkütur

ATTRIBUTES (CONTINUED)

SOURCING OF RAW MATERIALS (CONTINUED)

EXTRACTION ZONES OF RAW MATERIALS



1. EXTRACTION LOCATION RECYCLED POLYESTER FIBERS:

United States: Trenton, South Carolina

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.

Copyright© 2016 by Vertima inc.

Validated Eco-Declaration:
VED17-1070-05
Period of validity:
2019/07 to 2020/07



ENVIRONMENTAL DATA SHEET

Düotex™ 6.4mm FR

feltkütür

TECHNICAL PERFORMANCES

PERFORMANCE TESTS

Non-exhaustive list. Refer to the technical documentation of corrugated products for more details.

- Sound Absorption Coefficients by the Reberation Room Method – ASTM C423
- SAA 0.23
- SAA with 25.4mm air gap 0.34 - SAA 0.23
- NRC 0.23
- NRC with 25.4mm air gap 0.34 - NRC 0.23
- (Flame Spread) Class A - ASTM E84

Validated Eco-Declaration – Performance tests
Methodology: validation of documents attesting Performance tests
Vertima's procedure: VERT-032011, Second Edition.

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.

Copyright© 2016 by Vertima inc.

Validated Eco-Declaration:
VED17-1070-05
Period of validity:
2019/07 to 2020/07



ENVIRONMENTAL DATA SHEET

Düotex™ 6.4mm FR

feltkütür

MANUFACTURER'S MANAGEMENT PROGRAM

QUALITY MANAGEMENT SYSTEM (ISO 9001:2015)

Certification number	Certification agency	Period of validity
0075281-00	Intertek	2004/01/13 to 2021/05/15



Validated Eco-Declaration – ISO Certification
Methodology: validation of documents attesting the ISO Certification.
Vertima's procedure: VERT-032011, Second Edition.

CERTIFICATION (BNQ 99002-01)

Certification number	Certification agency	Period of validity
BNQ 9700/800	Bureau de normalisation du Québec	2010/05/07 to 2019/07/26



Validated Eco-Declaration – BNQ Certification
Methodology: validation of documents attesting the BNQ Certification.
Vertima's procedure: VERT-032011, Second Edition.

MANUFACTURER'S ENVIRONMENTAL MANAGEMENT PROGRAM

Texel Technical Materials, Inc. undertakes to respect a policy which consists of using means that actively contribute to protecting the environment.

Our environmental policy traces the main axes of our actions for the coming years and defines our commitments in terms of environmental management:

- We operate our installations and execute our activities while aiming to minimize potential risks for the environment and the community;
- We promote the ongoing improvement of our environmental performance insofar as the biophysical reality and human health are concerned while respecting applicable laws and regulations;
- We continuously seek ways to reduce, reuse or recycle the waste we generate and, when necessary, eliminate it securely and responsibly;
- We collaborate with government authorities in the search for environmental solutions specific to our activities and in the development of standards which are technically justified and cost effective;
- We inform members of our Board of Directors and upper management of their environmental responsibilities in their respective field of activities;
- We developed an environmental management system to provide our executives, managers, and employees with the management tools needed to protect the environment.

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.

Copyright© 2016 by Vertima inc.

Validated Eco-Declaration:
VED17-1070-05
Period of validity:
2019/07 to 2020/07



ENVIRONMENTAL DATA SHEET

Düotex™ 6.4mm 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	Building Product Disclosure and Optimization – Sourcing of Raw Materials 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 (7.7%) Post-consumer (7.7%)

INDOOR ENVIRONMENTAL QUALITY		POINTS	PRODUCT CONTRIBUTIONS
EQ Prereq 3	Minimum Acoustic Performance – Schools only Classrooms and Core Learning Spaces ≥ 20,000 Cubic Feet 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. ¹ The acoustic test results for Düotex™ 6.4mm FR will be supplied upon request.	Prerequisite	TECHNICAL PERFORMANCES
			¹ Düotex™ 6.4mm FR may contribute to this prerequisite if the interior design is coherent with the prerequisite.
EQ	Acoustic Performance Meet the composite sound transmission class (STC) 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. ² The acoustic test results for Düotex™ 6.4mm FR will be supplied upon request.	1-2 points ²	TECHNICAL PERFORMANCES
			Düotex™ 6.4mm 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	Environmentally Preferable Products 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 Düotex™ 6.4mm 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 (7.7%) Post-consumer (7.7%) Düotex™ 6.4mm 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.

Validated Eco-Declaration:
VED17-1070-05
 Period of validity:
2019/07 to 2020/07

