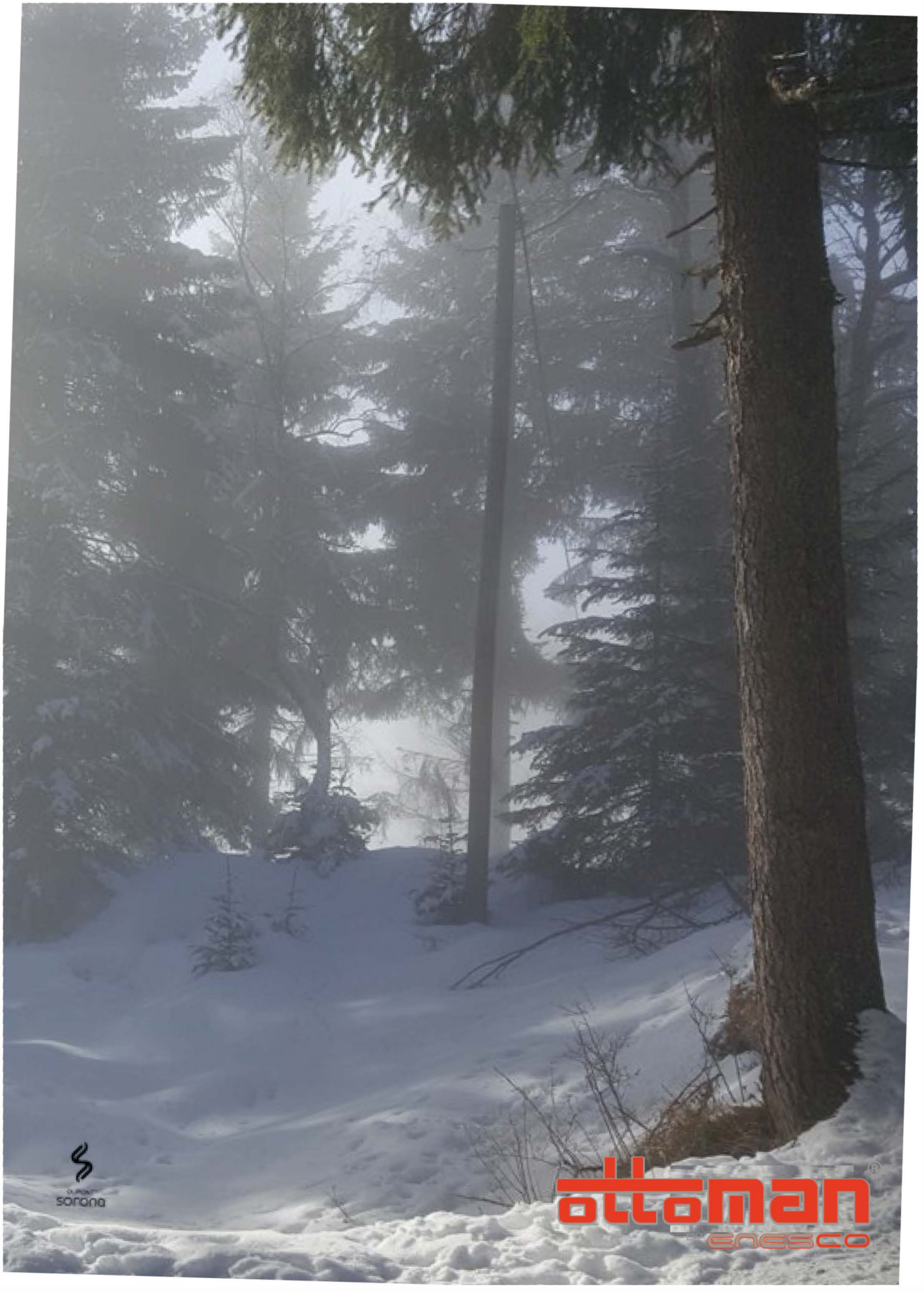

sorona
ottoman
enesco

Glacci-Arktis 05,06

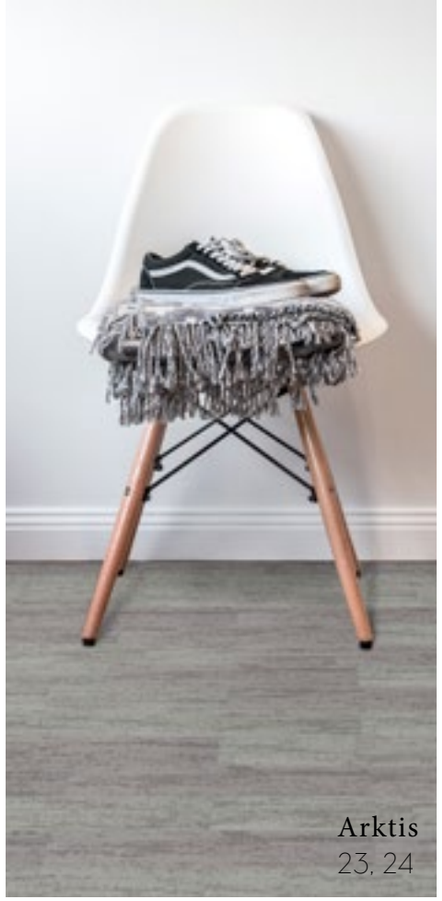
Glacci-Arktis 20 & **Icefielt** 15, 16

In this **Arktis** Collection, there are mul-tiple choices of cold and warm colors. We are very excited to leave different combinations to your imagination. It is calm, elegant, comfortable. A touch of torn texture gives the impression of vibrance into the looring.

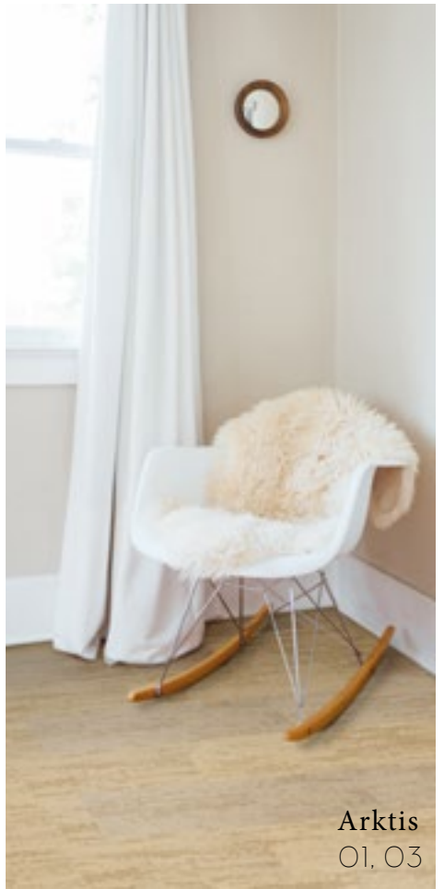
As Barry Loperz, the author of the "Arctic dreams", said,

I felt a calmness birds can bring to people; and quieted,

I sensed here the outlines of the oldest mysteries:
the nature and extent of space, the fall of light from the heavens, the pooling of time in the present, as if it were water.



Arktis
23, 24



Arktis
01, 03

Glacci-Arktis 07, 08, 09

Icefielthas a strong and pure impact, since this collection is intended to be less texured, but provides comfort in a very simple way, so that we can focus on more details

It is modest,
so the feeling of the design can be achieved in many circumstances.

Icefielt 20

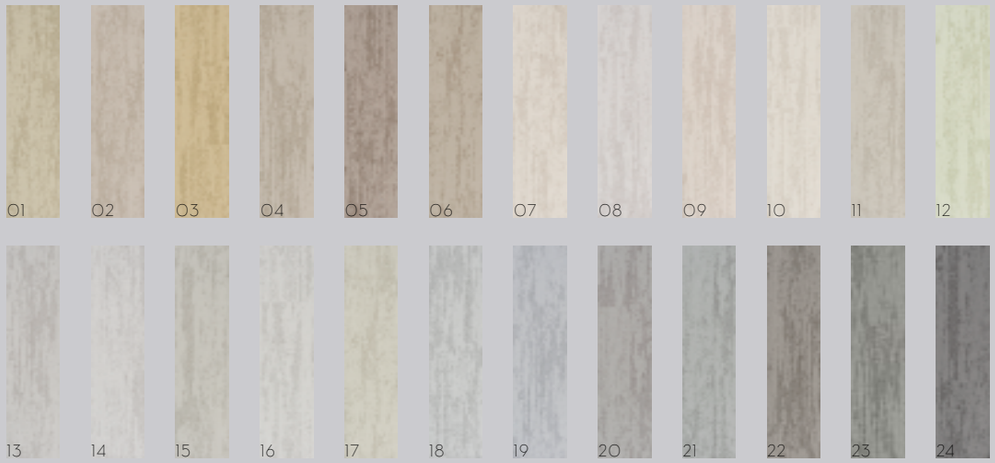
Glacci-Icefielt 09, 10

Glacci-Arktis 12, 13, 14

SPECIFICATION

Style Name:	**Arktis I Icefielt**
Construction:	Multi-level Loop
Fiber:	DuPont™ Sorona® fiber
Gauge:	1/10" I 1/12"
Stitches:	10 I 11 per inch
Average Pile Height:	4.5±0.5mm I 4.0±0.5mm
Average Pile Weight:	34 I 26 oz/yd^2.
Backing:	PVC with Fiberglass
Tile size:	25cm*100cm
Area of Use:	Commercial – General Duty
Flammability:	ASTM E648 Class I, GB8624-2012 B1(C)
Smoke Density:	ASTEM E 662 Less than 450, GB/T 8627-1999
Static Propensity:	AATCC-134≤3.5 kV GB/T 18044-2008

Glacci - Arctik



Glacci - Ice Field

Fortest-Black Fortest 01

Fortest-Black Fortest 02

Fortest-Black-Fortest 03

Fortest-Deinbaum 01


You're my favourite Ameri cano
Keep Calm and Stay Happy
Sweetest Coffee is the Bitter One

Fortest-Waipu Fortest 02

Fortest-Waipu Fortest 01

Fortest-Croocking Fortest 02

Fortest-Croocking Fortest 07

Fortest-Caddy Lake 01

Fortest-Caddy Lake 01

SPECIFICATION

Style Name:	Caddy Lake / Deinbaum / Black Fortest /Croocked Fortest / Waipu Fortest
Construction: Fiber:	Multi-level Loop & Tip Shear
Gauge:	DuPont™ Sorona® fiber
Stitches:	1/12"
Average Pile Height:	11 per inch
Average Pile Weight:	4.5±0.5mm
Backing:	29 I 29 I 31 I 28 I 30 oz/yd·
Tile size:	Mix-Bac®
Traffic Classification:	50cm*50cm
Flammability:	Class II, Heavy Commercial
Smoke Density: Static	Passes (ASTM E648, GB8624-2012)
Propensity:	Passes (ASTM E662, GB/T8627-1999)
	≤ 3.5 KV (AATCC-134, GB/T18044-2008)

Fortest-Caddy Lake

Fortest-Crooked Fortest

Fortest-Deinbaum

Fortest-black fortest

Fortest-Waipu Fortest

◀ Fortest-Waipu Fortest 02

HOW ABOUT A ‘GREEN’ LIFESTYLE ?

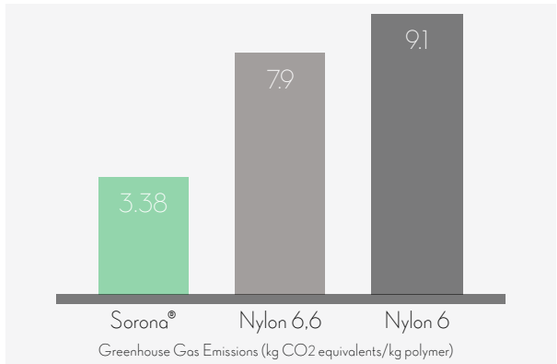
Derived from nature, designed for performance.

DuPont™ Sorona®

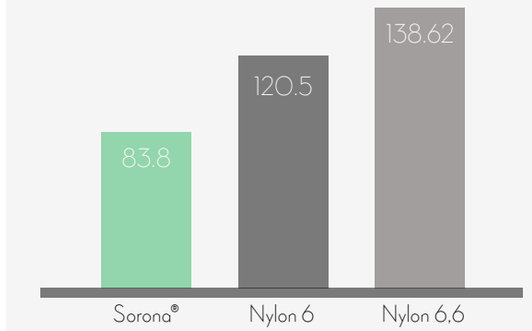
Sorona® fiber is the newest innovation from DuPont™ and one of the first bio-based textile polymers to demonstrate highly desirable technical and life cycle advantages for a wide range of products from apparel to carpets. It contains 37% renewably sourced ingredients by weight, reducing dependency on oil and petrochemical-based feedstocks.

Green features

The production of Sorona® uses 30% less energy and reduces greenhouse gas emission by 63% compared to the production of an equal amount of nylon 6. When compared to an equal amount of nylon 6.6, production of Sorona® uses 40% less energy and reduces greenhouse gas emissions by 57%.



Greenhouse Gas Emissions (kg CO2 equivalents/kg polymer)



Non Renewable Energy consumption (MJ/kg polymer)

THE RAW MATERIALS

Carbohydrate crops
eg.corn,sugar beets

· High carbohydrate efficiency brings low land use

· High performance and scalable using exisiting technology

· Wide variety of applications

· Valuable co-products

· Built-in emergency reserve

Natural fiber crops
eg.cotton,flax,beech, bamboo

· Can be resource intensive - high water, and/ or energy use

· Land intensive

· Lower perfomance in use

· Limited applications

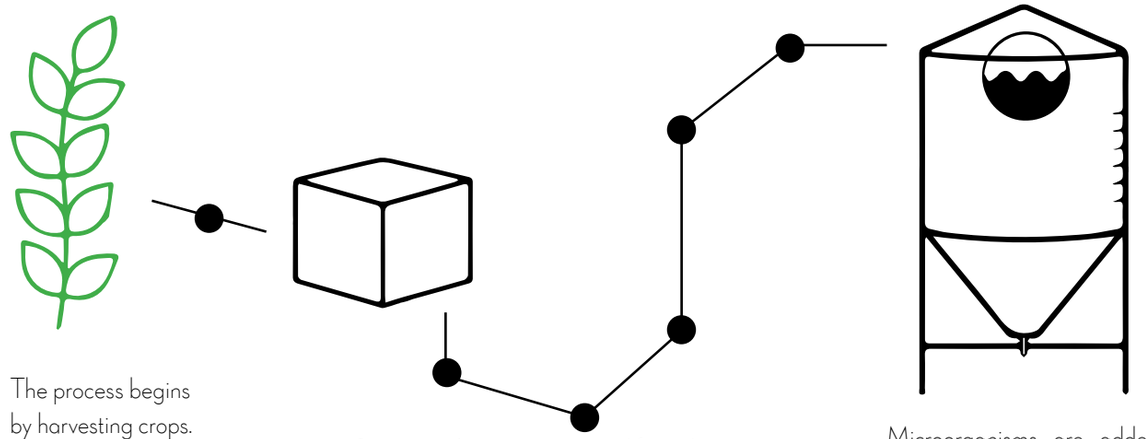
Fossil fuels
eg.crude oil

· Non-renewable

· Environmental and public health impacts from extraction and use

THE PROCESS

Renewable agricultural raw materials such as corn, castor seeds and non-food biological materials fermentation method is used to replace petroleum petrochemical method, and glucose is converted into bio-based BIO-PDO and PTA by Dupont® professional biological method to form Sorona®. Thus, helping this industry to reduce its dependence on petroleum-based products, the impact on environment, and the products have innovative anti-pollution features.



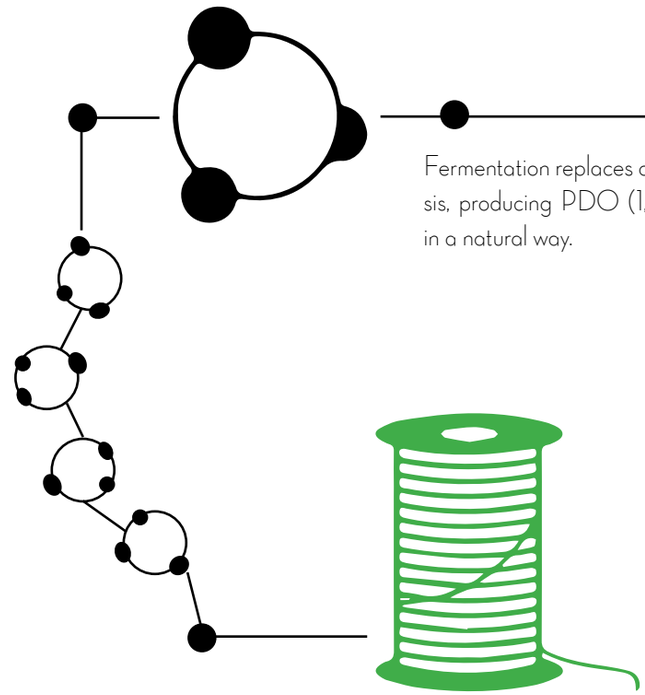
The process begins by harvesting crops.

Sugar, or glucose, is extracted from the crops.

Microorganisms are added to the glucose to begin a fermentation process (similar to the production of alcohol).

Fermentation replaces chemical synthesis, producing PDO (1,3-Propanediol) in a natural way.

TPA (terephthalic acid) is added to the Bio-PDO, creating a molecular bond.



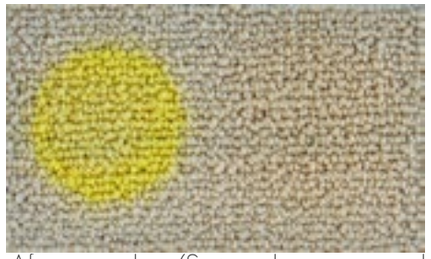
The Greenpad system offers the best
stain resistance

STAIN RESISTANCE

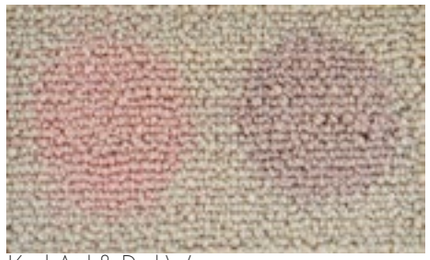
Nylon 6.0

DuPont™ Sorona®

Mustard & Coffee Stain



After water clean (Stains only use water to clean)

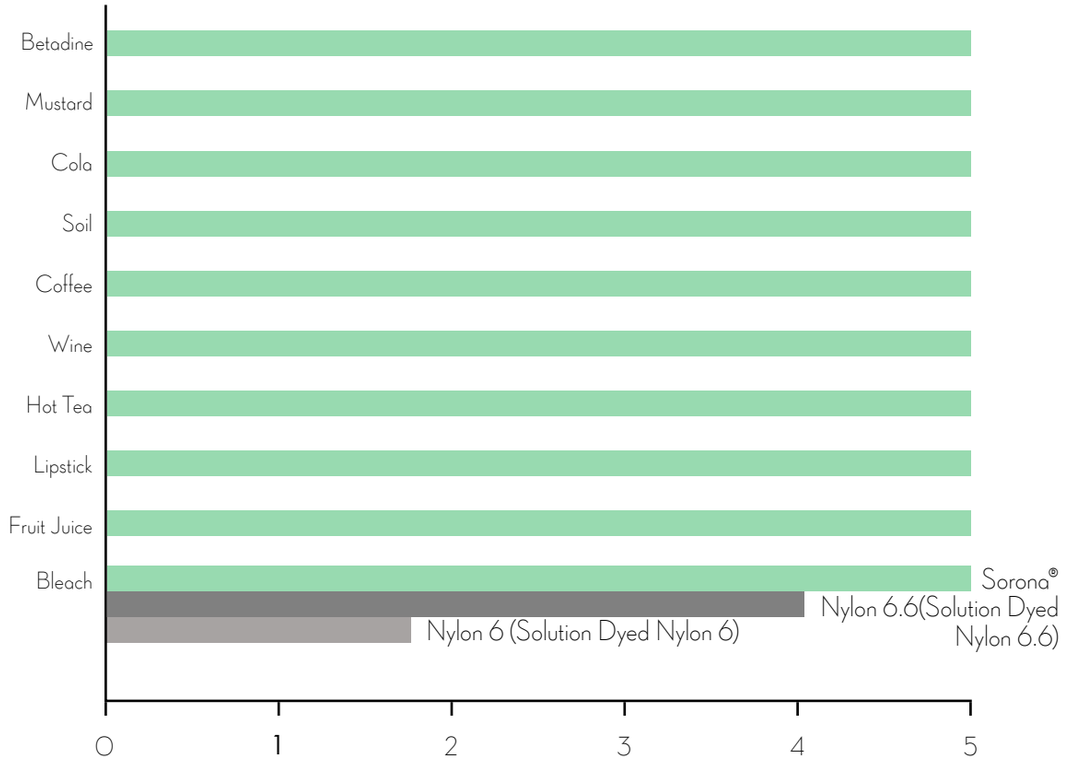


Kool-Aid & Red Wine

After water clean (Stains only use water to clean)

EASY TO CLEAN

A sponge, a brush, some water and just a little effort are needed to make stains disappear from Greenpad carpet tiles.
There is no kind of stain which can persist on our product if properly treated, according to this feature we provide our clients the Greenpad system products a Lifetime Stain Resistance Limited Warranty.

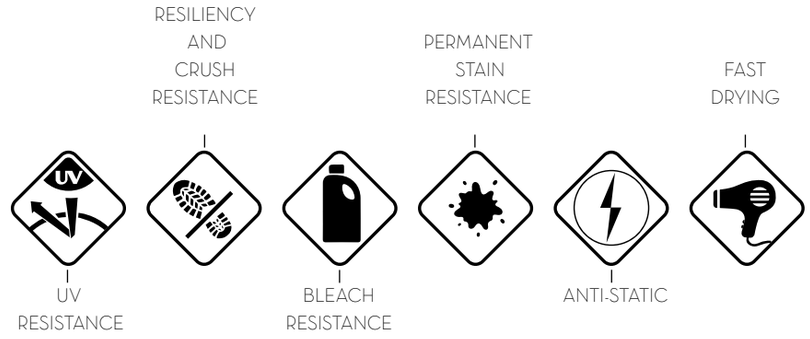


The Greenpad™ also
stands up to everyday
foot traffic
Your carpet will look good
year after year

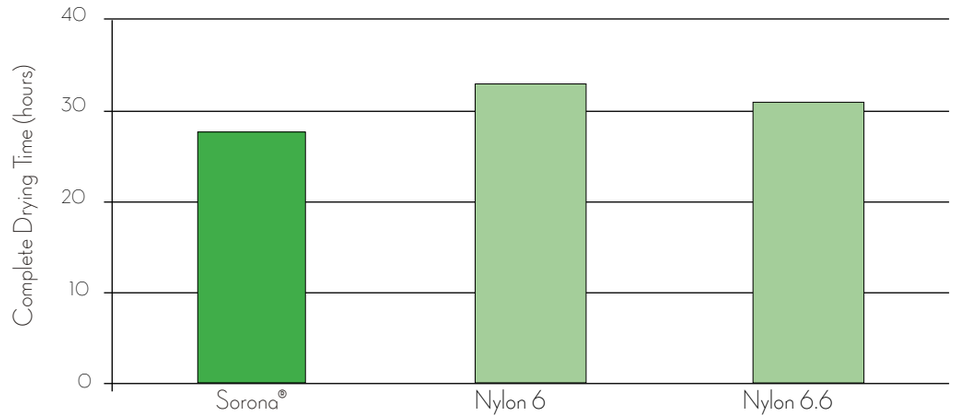
THE GREAT PERFORMANCE

CARPET FIBER PERFORMANCE COMPARISON

	SORONA®	SOLUTION DYED NYLON 6.0
DURABILITY Based on independant laboratory test result according to Vetterman Drum (22k), Hexapod Drum (12k)	★★★★	★★★★
STAIN RESISTANCE 防污性 Based on the AATCC 175-2008 Staining Method	★★★★	★★☆☆
BLEACH RESISTANCE 24-Hours chlorine exposure AATCC standard 6	★★★★	★★★★
SOILING Based on ASTM D6540-00 test	★★★★	★★☆☆
STATIC Based on AATCC standard 134-06 test	★★★★	★★★★
DRYING TIME Complete drying time	★★★★	★★☆☆



Sorona® carpet dries 15% faster than nylon 6.0 and 10% faster than nylon 6.6. It has a better, more natural antibacterial and anti-mildew effect.



FAST DRY

The
Greenpad system
is guaranteed by
Third Party
Certification

OHSAS18001:2007 ISO9001:2008 ISO14001:2004

LIVING BUILDING CHALLENGE

3R Reduce Reuse Recycle = Infinity Green!

FULLY CERTIFIED

Green Label Plus is an independent testing program that identifies carpets with very low emissions of VOCs (Volatile Organic Compounds) to help improve indoor air quality. To ensure the indoor air quality, 13 key chemicals are measured and tested in the program.

Declare.

Declare, the ingredient label for building products, was launched by the International Living Future Institute. By providing manufacturers and specifiers of building materials a clear, elegant and informative "nutrition label", Declare aims to transform the marketplace through radical transparency and an open communication policy.

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100

Oeko-Tex is a registered trade mark, representing the product labels and company certifications issued and other services provided by the International Association for Research and Testing in the Field of Textile and Leather Ecology (which also calls itself Oeko-Tex for short).

DuPont™Sorona® Certification

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 97%

Managed by the U.S. Department of Agriculture (USDA), the goal of the BioPreferred Program is to increase the purchase and use of biobased products.

LEED
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

Greenpad™ helps contribute to gathering LEED points about New Construction and Major Renovation both for Commercial Interiors and Schools buildings in, at least, three different topic areas:

- Indoor Environmental Quality Credit 4.3: Low Emitting Material, 1 point available
- Materials Credit 5: Local/Regional Materials, 1-2 points available
- Materials Credit 6: Rapidly Renewable Materials, 1 point available