

GREENPAD

NEW FRONTIERS

A complete GREEN approach, since
DuPont™ Sorona® fiber is a renewably sourced fiber

GREAT PERFORMANCES

GreenPad products offer excellent features in durability
and stain resistance with complete third party certifications



VOXFLO®
your color story

Our Goal

Do the right thing, by choosing to use proper materials with nature in mind.

Crowded cities and their busy traffic can be stressful but are a certain part of most commuters' everyday lifestyle.

To balance it out, we bring nature into people's life, employing a number of methods, using natural materials, natural patterns or simply natural colors.



VOXFLOOR® is always looking forward to new solutions and advanced technologies to improve its products in every direction, especially exploring green resources and environmentally friendly innovations.

This is the reason which gave us the opportunity to develop a partnership with DuPont™ to produce a low environmental impact and eco-friendly product, with some of the best features in the commercial flooring industry.

We are proud that our carpet tiles could represent a milestone in the development of a new, sustainable approach to the whole Interior Design market.

Sustainability is essential and striving to achieve high levels is our goal.

your color story





VOXFLOOR® has faith in sustainable, recyclable and reusable materials, because those are what make difference.

Pollution is a problem that needs battling and VOXFLOOR® is on the front.

Sustainability is the way to go and we agree. Putting in place ecologically produced materials in our home, takes us a step closer into the wild, unnoticed places, while bringing balance.

In this edition, we explore an alternative. Make a difference. Corn or Fossil? Corn, of course. Why? Simple. Pure, Stain Resistant, Exceptionally soft, oil resistant and durable.

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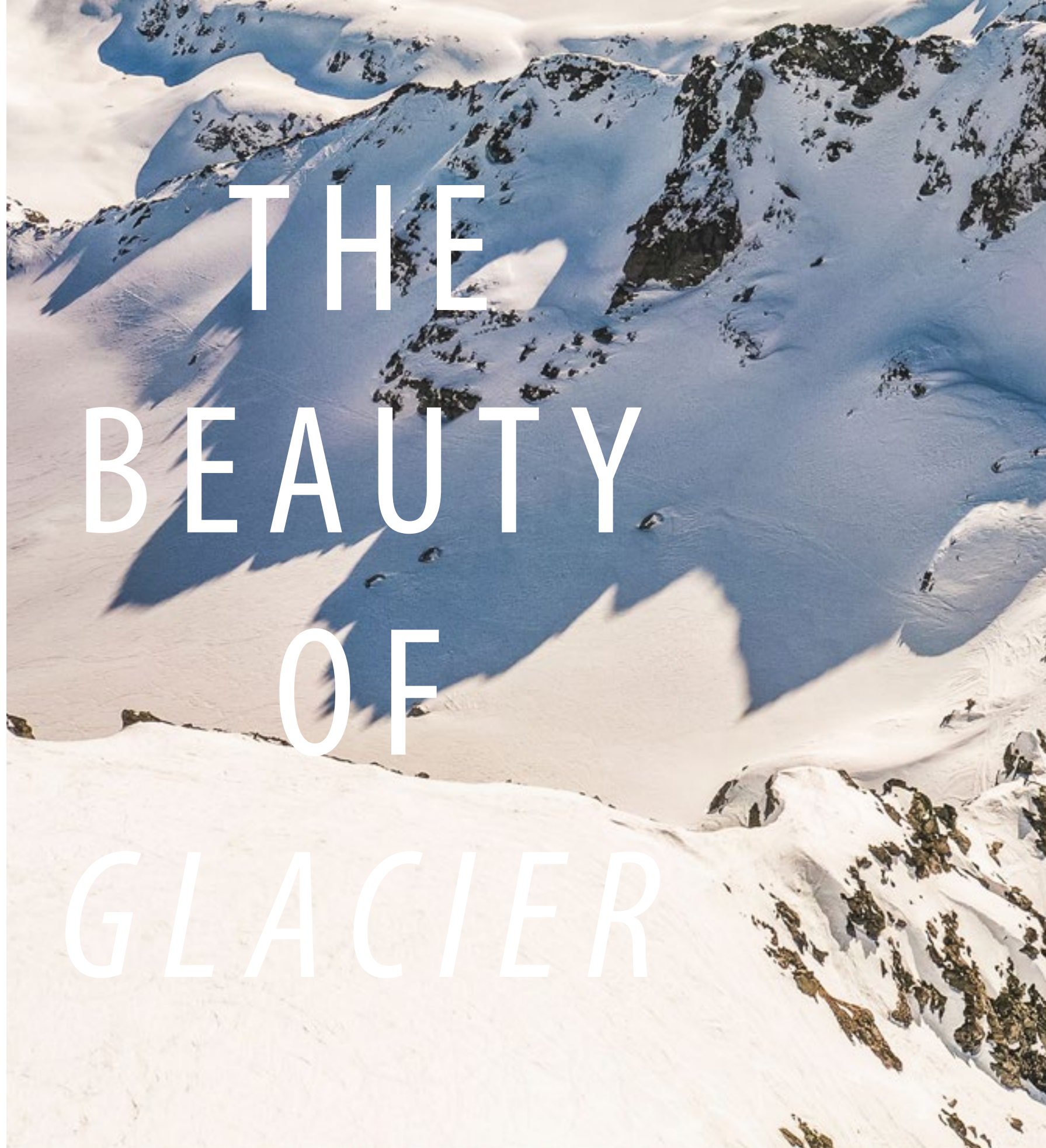
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GLACIER-Icefield O4



THE BEAUTY OF GLACIER

HOW ABOUT A 'GLACIER' LIFESTYLE ?

Untouched, elegant and pure. These words can describe both a millennial cover of high mountain snow frost and the carpet tiles of GLACIER Collection.

Delicate patterns, soft and bright colors express the elegance of a high class space, which only a few can access.

The Collection is made up of two products, Arctik and Ice Field, which can have a separate existence or can be easily mixed together, since both of them come in 24 different shades of white, beige and gray.

Arctik presents a thicker pile with a stronger texture to offer more detailed and first-class appeal; meanwhile, Ice Field has shorter loops to guarantee extended durability in traffic areas with a calm and plain look.



GLACIER-Arctik 05,06



GLACIER-Arctik 20 & Icefield 15,16

In this Arctik Collection, there are multiple 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 flooring.

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.



Arctik
23, 24



Arctik
01, 03



GLACIER-Arctik 07, 08, 09

Icefield has a strong and pure impact, since this collection is intended to be less textured, 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.



Icefield 20



GLACIER-Icefield 09,10



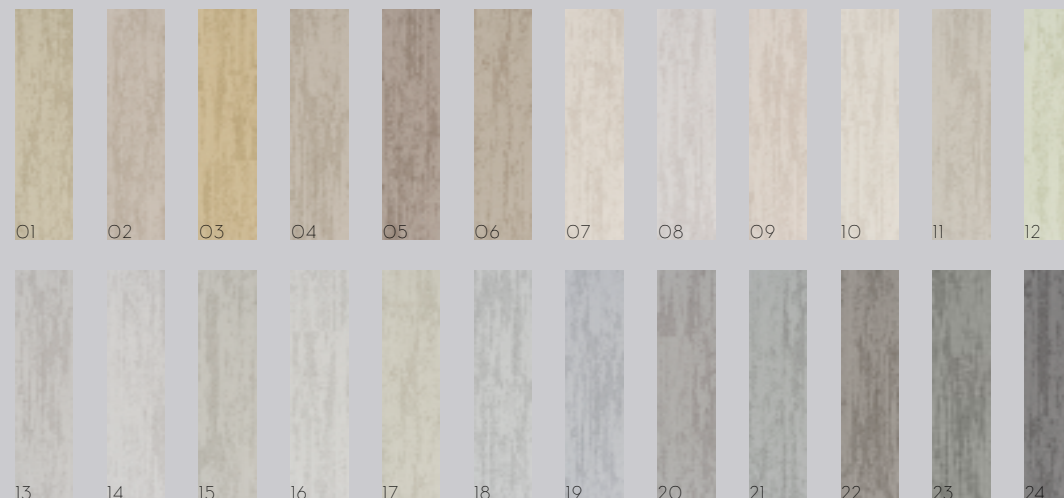


GLACIER-Arctik 12, 13, 14

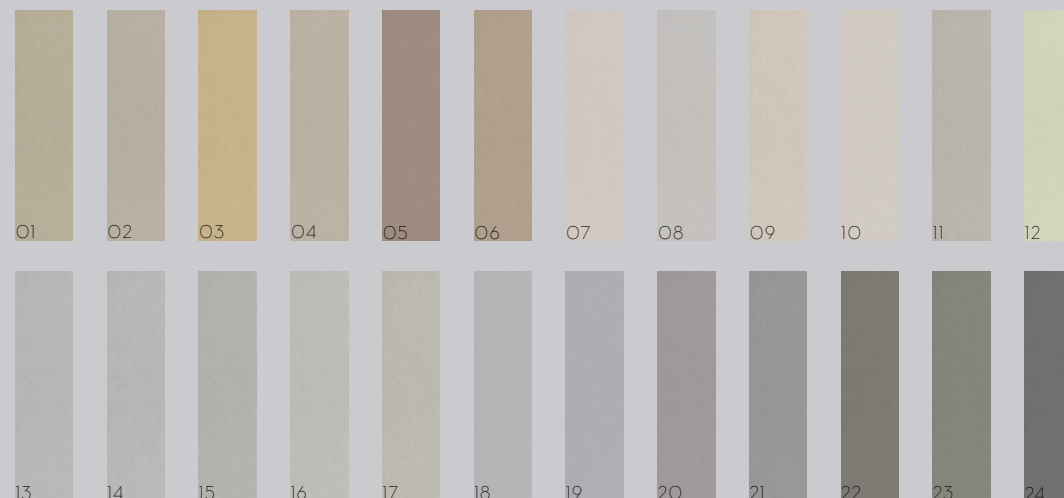
SPECIFICATION

Style Name:	Arctik Icefield
Construction:	Multi-level Loop
Fiber:	DuPont™ Sorona® fiber
Gauge:	1/10" 1/12"
Stitches:	10 11 per inch
Average Pile Height:	4.5±0.5mm 4.0±0.5mm
Average Pile Weight:	34 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

GLACIER - Arctik



GLACIER - Ice Field



NATURAL COZINESS IN A PURE SPIRIT

In a forest of a hundred thousand trees, no two leaves are alike.
And no two journeys along the same path are alike.

With these simple words Paulo Coelho sums up why nature is so attractive, unique and full of inspiration.

The design aims to reproduce the mystic feeling of an enchanted forest, where all the elements are single and unrepeatable. This concept inspires dream of FOREST: its fully seamless pattern creates unique tiles every time, for exclusive and elegant environments.

This collection is composed of five different products, united by the same concept of natural pattern inspiration.

Crooked Forest, Waipova Forest, Caddo Lake, Daintree and Schwarzwald share the same color range with piece dyed, which is set by 3 different natural beige and gray tones, to represent at its best the simple complexity of natural beauty.



THE CHARM OF FOREST



The Black Forest, this is the English translation of the original German name, is located in the deep heart of Europe. Its principal characteristic is given by its evergreen trees growing all over the mountainous region.

So, the design inspiration is taken from the pine trees bark texture, which, due to the tree density of the area, immediately gets impressed in your eyes as soon as you get there.



◀ FOREST-Schwarzwald O1

FOREST-Schwarzwald O2



FOREST-Schwarzwald 03



FOREST-Daintree 01

The tropical rainforest ecosystem of the Daintree Rainforest is one of the most complex on Earth. Its plant diversity and structural complexity is unrivalled on the Australian continent and represents the origins of other Australian flora.





FOREST-Waipova Forest O2

A natural sanctuary in New Zeland, with two of the tallest trees in the world, has been the vision, which defined this product pattern, where sequences of different pile height stripes recreate the forest skyline effect.



FOREST-Waipova Forest O1 ▶



FOREST-Crooked Forest O2

This product takes its roots from the famous polish forest, where the little twirl of the tree bases increase the density perception of the trunks in the lower side to rise thinner towards the top.

◀ FOREST-Crooked Forest O7





FOREST-Caddo Lake 01

The area of Caddo Lake in Texas, inspired the design of this pattern, where the wetlands get mixed with the forest, creating areas of different density, fading softly from one into the other, generating a quiet, calm, but continuous movement .



FOREST-Caddo Lake 01





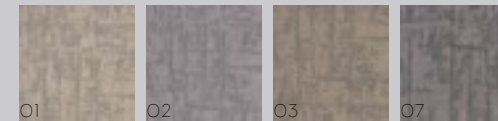
SPECIFICATION

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

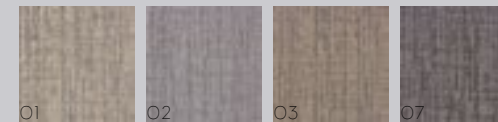
FOREST-Caddo Lake



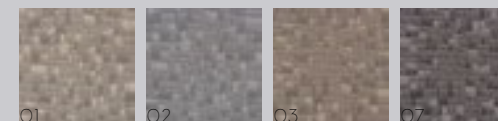
FOREST-Crooked Forest



FOREST-Daintree



FOREST-Schwarzwald



FOREST-Waipova Forest





THE DUPONT™ SORONA® FIBER

HOW ABOUT A 'GREEN' LIFESTYLE ?

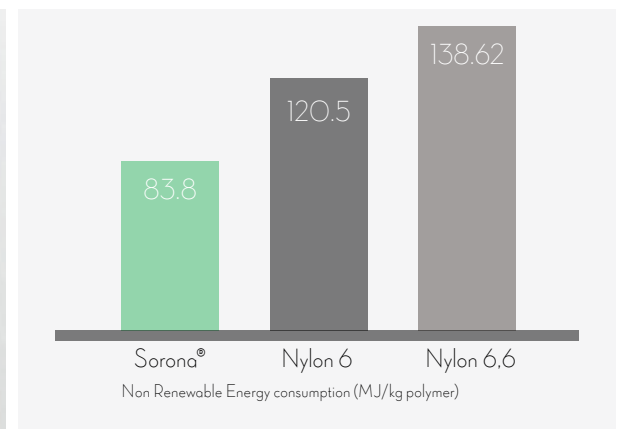
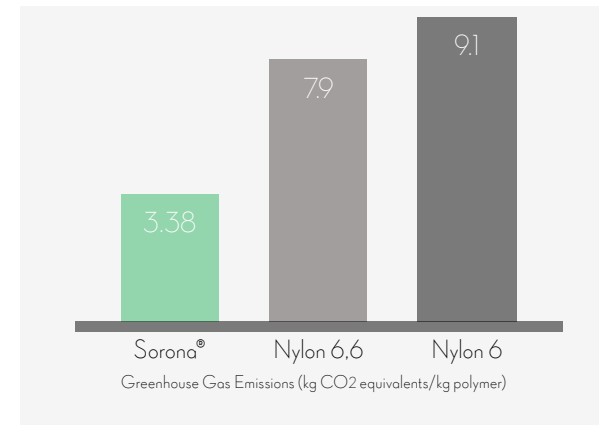
Derived from nature, designed for performance.

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%**.



THE RAW MATERIALS

Carbohydrate crops

eg. corn, sugar beets

- High carbohydrate efficiency brings low land use
- High performance and scalable using existing 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 performance in use
- Limited applications

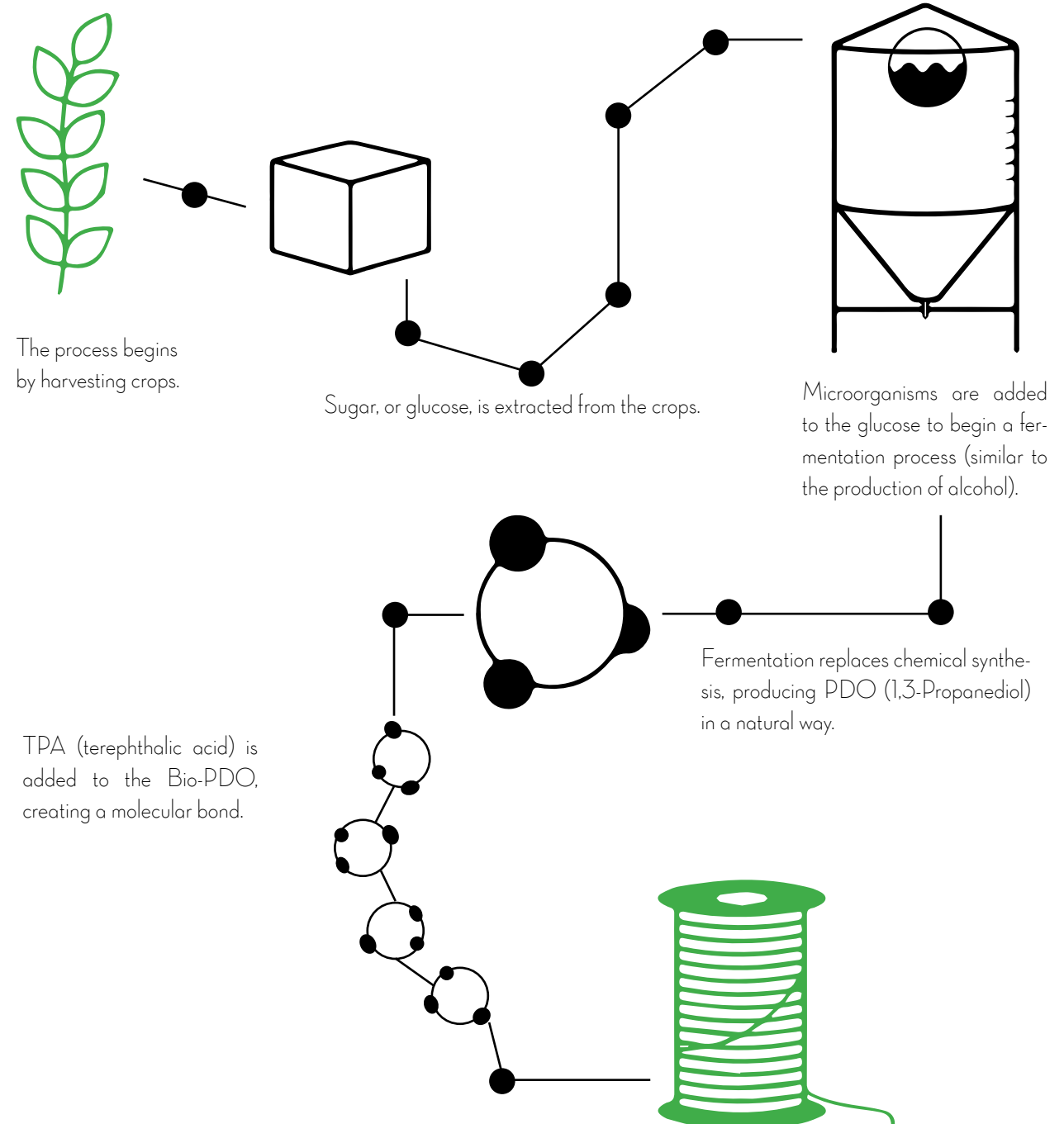
Fossil fuels

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.



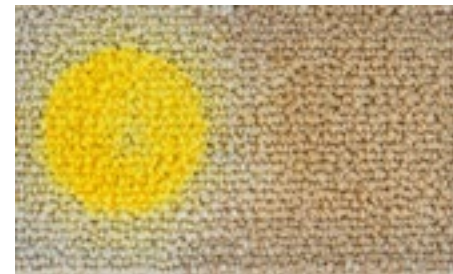


The Greenpad system offers the best stain resistance

STAIN RESISTANCE

Nylon 6.0

**DuPont™
Sorona®**



Mustard & Coffee Stain



After water clean (Stains only use water to clean)



Kool-Aid & Red Wine

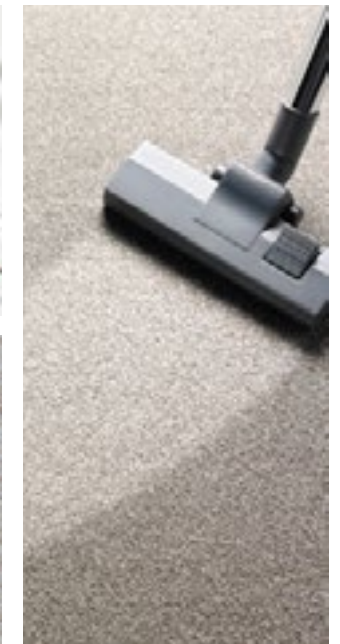
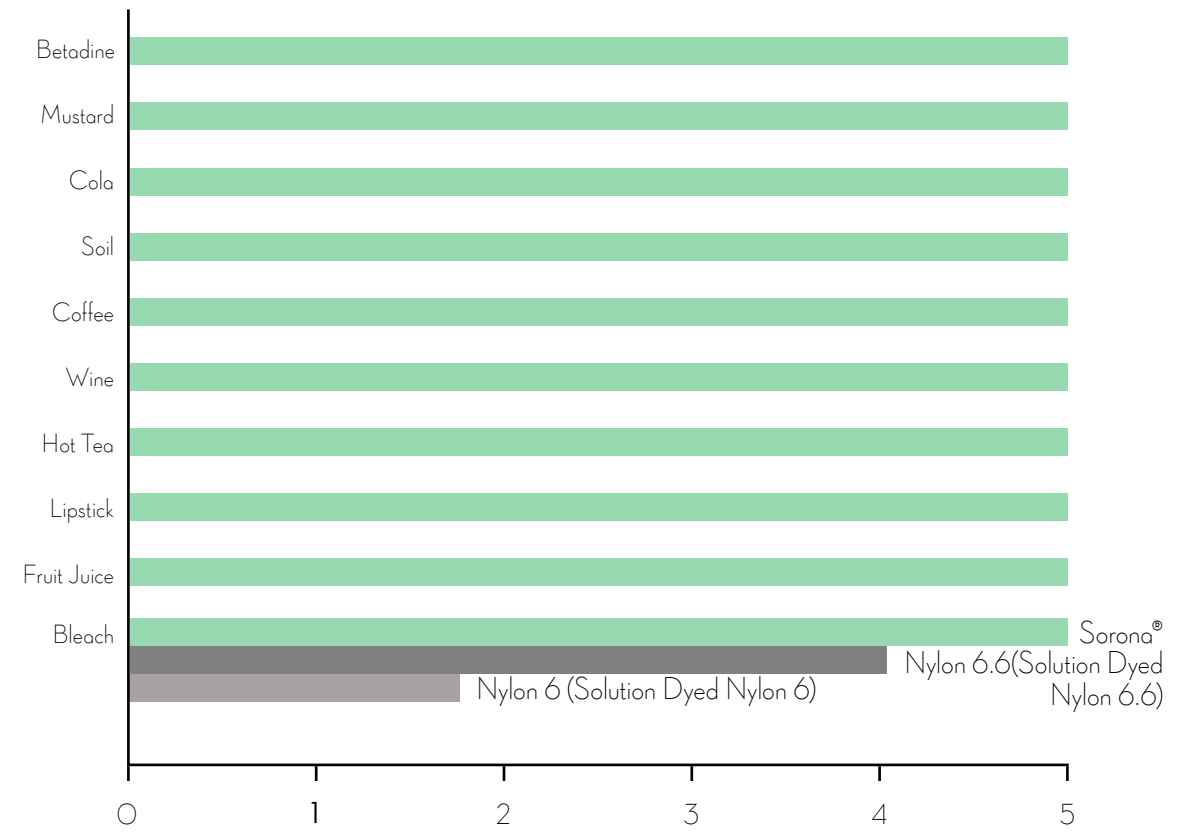


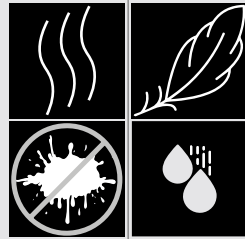
After water clean (Stains only use water to clean)

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 independent laboratory test result according to Vetterman Drum (22k), Hexapod Drum (12k)



STAIN RESISTANCE 防汚性

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

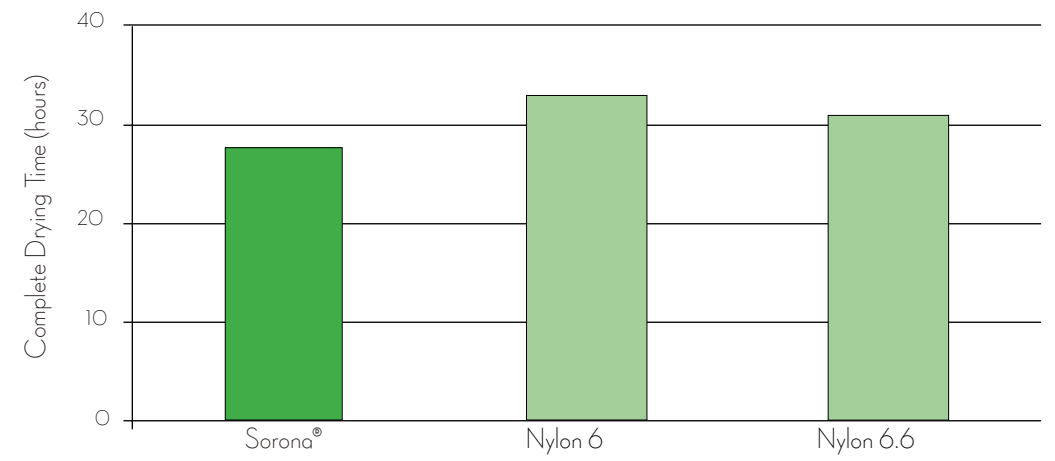


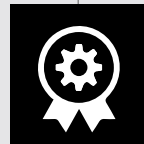
	RESILIENCY AND CRUSH RESISTANCE		PERMANENT STAIN RESISTANCE		FAST DRYING
UV RESISTANCE		BLEACH RESISTANCE		ANTI-STATIC	



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



FULLY CERTIFIED

VOXFLO[®] Greenpad



Declare.

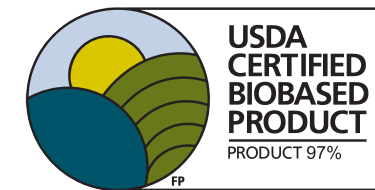
Green Label Plus is an independent testing program that identifies carpets with very low emissions of VOCs (Volatile Organic Compounds) to help improve indoor air quality. To ensure the indoor air quality, 13 key chemicals are measured and tested in the program.

Declare, 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 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**

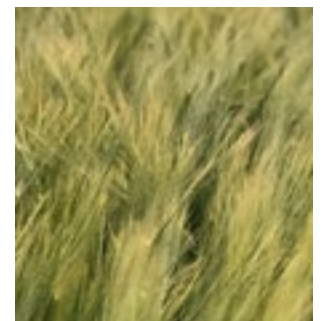


Managed by the U.S. Department of Agriculture (USDA), the goal of the BioPreferred Program is to increase the purchase and use of biobased products.



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





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