



ECONYL®
StayClean

ECONYL®
ENDLESS POSSIBILITIES



**For the first time,
stain-free carpets don't have
to come at the expense of
the environment**





Stain-free carpet

Stain-free carpets have never been so easy with the new ECONYL® StayClean fiber.

This solution dyed Nylon 6 fiber is made from 100% regenerated Nylon and ensures ultimate stain protection.

The **intrinsically stain-resistant yarn** carries unique polymer characteristics that last the entire lifespan of the carpet, guaranteeing an **easy water-only treatment**.



**Stain:
RED Dye #40**

ECONYL® StayClean has been tested with the unforgiving RED Dye #40 to assure complete stain removal. When treated promptly with water only, ECONYL® StayClean provides perfect results leaving no blemish behind. If ECONYL® StayClean can withstand the brutal RED Dye #40, it can withstand anything.

STAIN INITIAL VISIBILITY	PROMPT WATER CLEANING	WATER AFTER 24 HOURS	OXIDIZING AGENT AFTER 24 HOURS
3.0	5.0	4.5	5.0

1.0 = stain highly visible - 5.0 = stain completely invisible

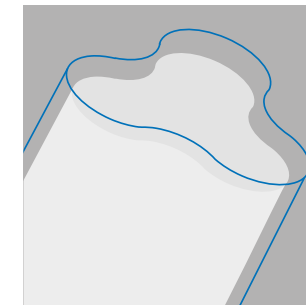


According to ISO 13750 (Determination of resistance to staining by acid food colors) ECONYL® StayClean passes tests thanks to its intrinsic anti-stain properties. It does not have a topical treatment.



A tailor made yarn

Produced with a modified polymer, a special cross section and a state-of-art finishing technology, this **solution dyed Nylon 6 fiber** assures maximum cleanability and wear and tear resistance.



SPECIAL
CROSS-SECTION
FIBER

Our special masterbatch guarantees:

- LIGHT FASTNESS
- COLOR FASTNESS
- UV RESISTANCE

Sustainability

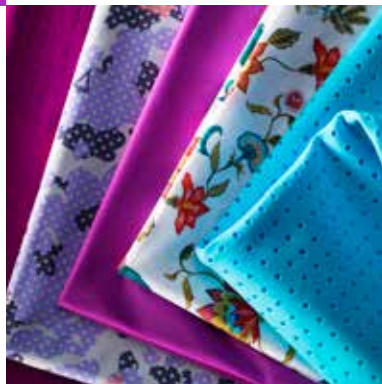
ECONYL® StayClean is made by recovering nylon waste such as fishing nets from the ocean and aquaculture, fabric scraps from mills and carpets destined for landfills.

Through the ECONYL® Regeneration System this waste is transformed into brand new nylon yarn that can be recycled infinitely. No waste. No new resources. Just endless possibilities.

As well as being a solution on waste, ECONYL® StayClean is also better when it comes to climate change.

It reduces the global warming impact of nylon by up to 80% compared with the material from oil.

Further, ECONYL® StayClean has a negligible contribution of carpet total VOC.





ECONYL® StayClean HOME

ECONYL® StayClean fiber is the ideal solution for **high-end residential** carpets.

This solution dyed Nylon 6 fiber can be customized to fit any designer's color palette and create a unique, one-of-a-kind space.

At 7 DPF, **ECONYL® StayClean HOME** provides an added soft and luxurious look to make any residential space feel like a true home.

The days of PET, PTT and polypropilene home carpets are over. ECONYL® StayClean HOME is a unique Nylon 6 fiber that affords highly sought-after mechanical features with equally impressive cleanability properties.



CUSTOMIZED AND
EXCLUSIVE COLOR
OPTIONS TO FIT ANY
DESIGN PALETTE

MASTERBATCHES
PRODUCED BY
AQUAFIL

SOFT AND
LUXURIOUS LOOK
AND FEEL (7 DPF*)

AVAILABLE IN
SMALL BATCHES

HIGH FLEXIBILITY

DEDICATED SERVICE
MODEL WITH
GUARANTEED LEAD
TIMES



* dTex per filament

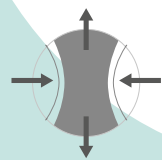


ECONYL® StayClean OFFICE

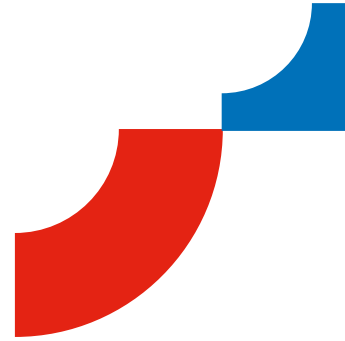
The design flexibility in addition to high performance are the right match for **commercial application**.

The non-photosensitive, non-soluble pigments guarantee light, water, shampoo and bleach fastness of more than 7 on the blue scale (ISO 105).

ECONYL® StayClean OFFICE special cross section minimizes soil adhesion while special delustering agents reduce soil visibility.



The superior yarn elasticity minimizes flattening, carpet pile compression and deformation to ensure long-term appearance retention. The fiber tenacity and abrasion resistance prevent the filament from breaking to provide **excellent carpet durability**.



GLOBAL COLLECTION
AVAILABLE IN 170
COLORS WORLDWIDE

AVAILABLE IN SMALL
BATCHES

DESIGN FLEXIBILITY

DEDICATED
SERVICE MODEL

SHORT LEAD TIMES

23 DPF *

* dTex per filament



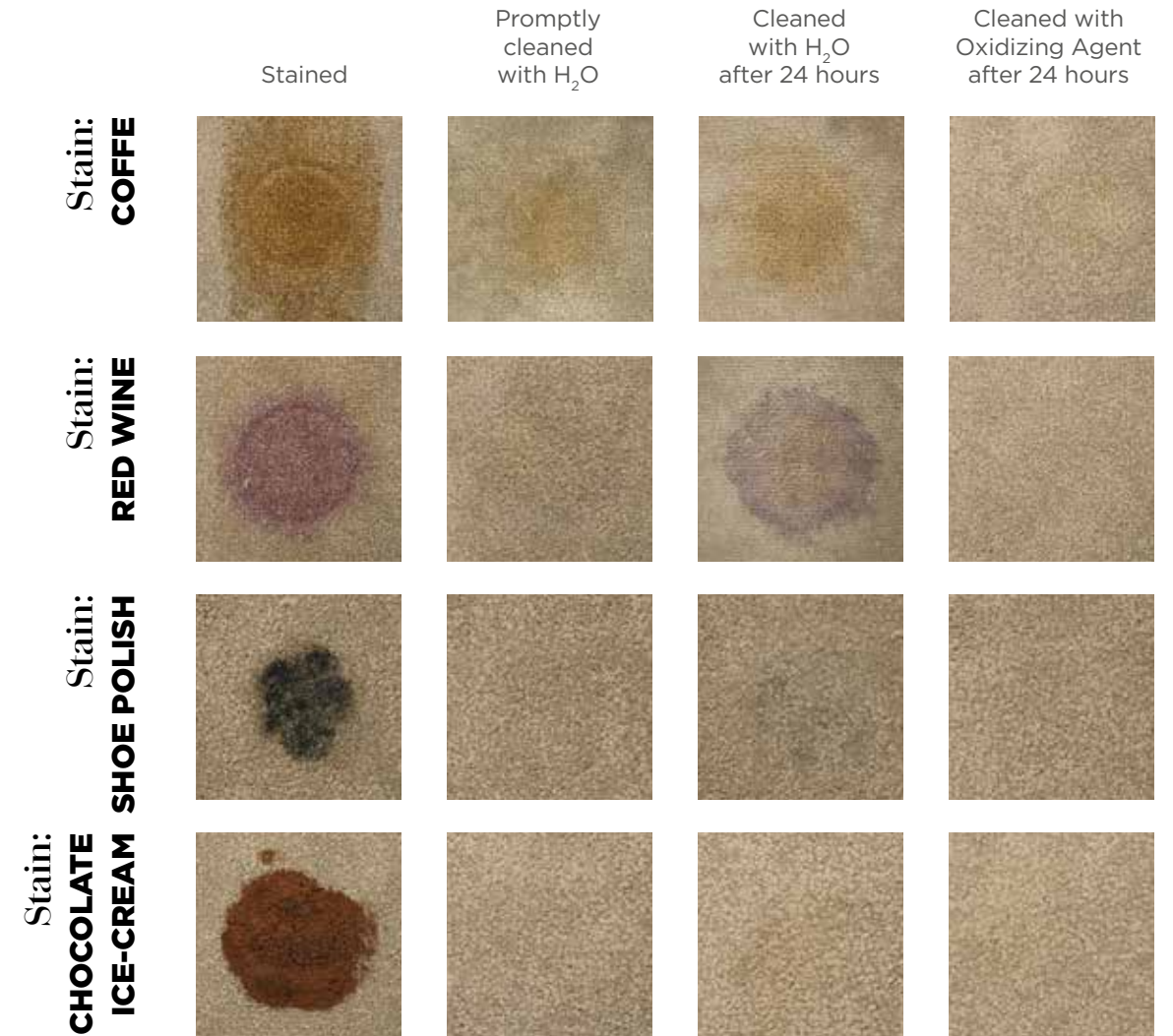


We have developed a fiber with no topical treatment and the best anti-stain properties to allow for easy cleanability of acid stains and little upkeep.

	STAIN INITIAL VISIBILITY	PROMPT WATER CLEANING	WATER AFTER 24 HOURS	OXIDIZING AGENT AFTER 24 HOURS
Stain: COFFE	2.0	4.0	3.5	5.0
Stain: RED WINE	2.0	4.5	3.5	5.0
Stain: SHOE POLISH	1.0	5.0	4.5	5.0
Stain: CHOCOLATE ICE-CREAM	1.0	5.0	5.0	5.0

1.0 = stain highly visible - 5.0 = stain completely invisible

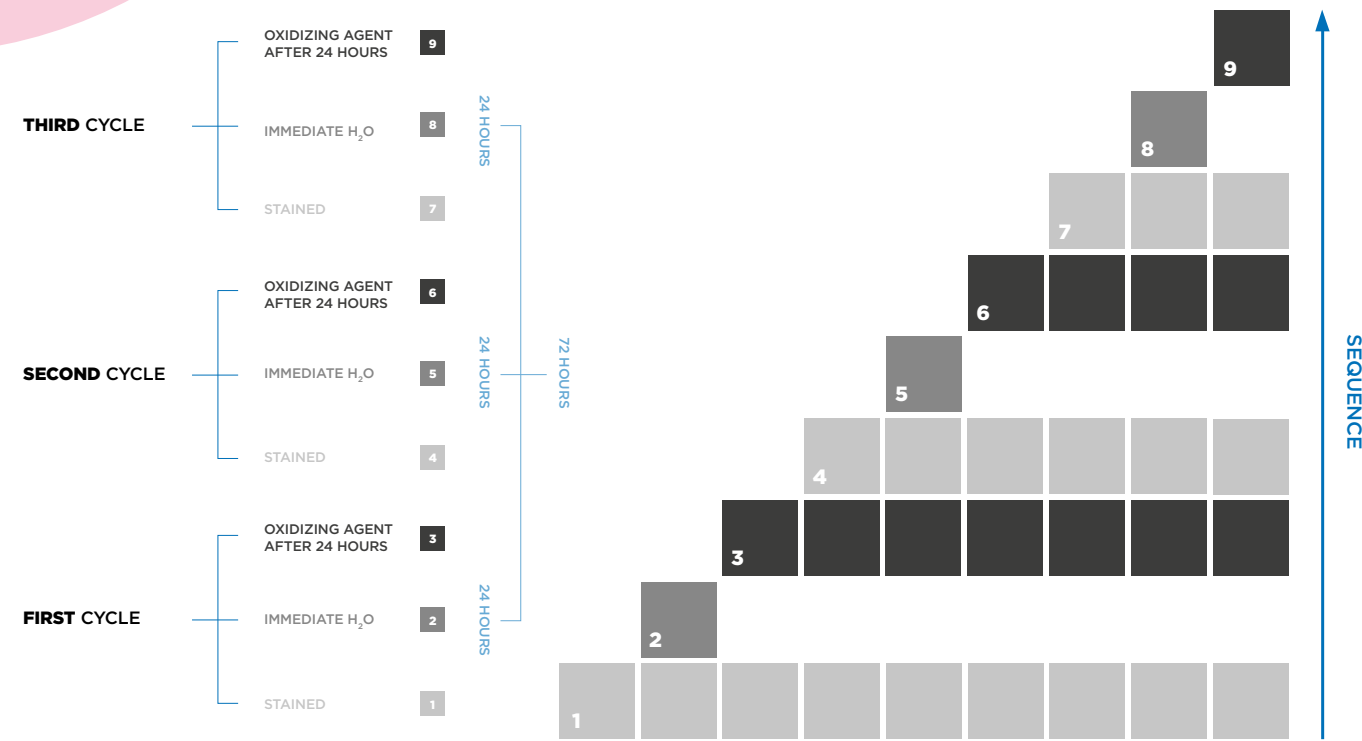
Test Results



ECONYL® StayClean

Stain protection is permanently built into ECONYL® StayClean fiber, so carpet can be stained and washed several times, without losing anti-stain property.

These repeated staining tests prove that no topical treatment is needed to achieve outstanding performances.



Repeated Staining tests

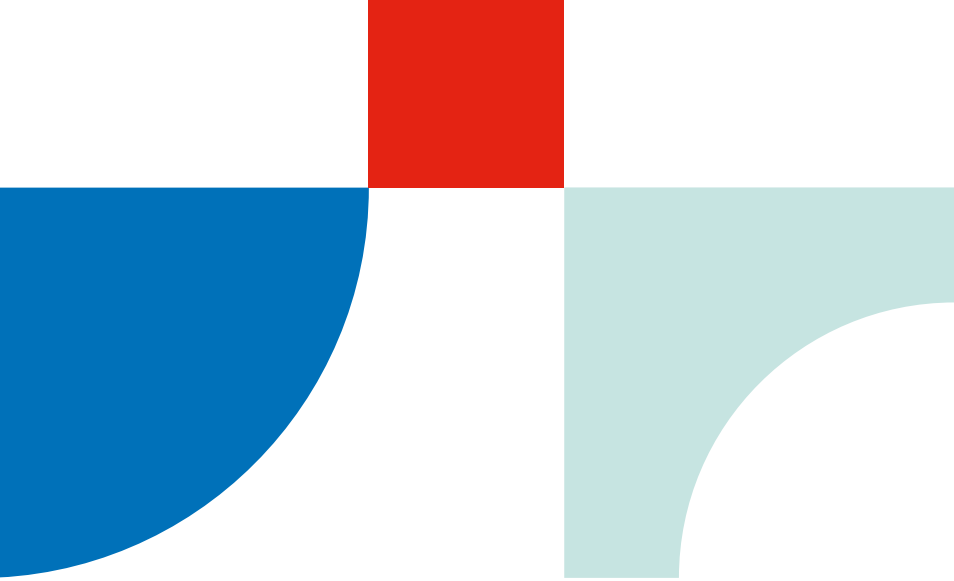


TESTS METHOD:

Size of the carpet: 10 cm by 10 cm
Quantity of Staining Agent: 10 ml

Prompt cleaning with water only:
 Carpet staining
 Prompt rinsing with water, removing excess by vacuum extraction or centrifuge

Cleaning with Oxidizing Agent after 24 hours:
 Carpet staining
 Leave stain 24 hours drying on carpet
 Oxidizing Agent application on stain, removing excess after few minutes by vacuum extraction or centrifuge



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