

# CHOOSING TECSOM HELPS YOU FOR TERTIARY BUILDINGS ENVIRONMENTAL ACCREDITATION ISSUES

TEXTILE FLOORING PRODUCTION SITE  
2B, avenue François Sommer – SEDAN 08200 - FRANCE

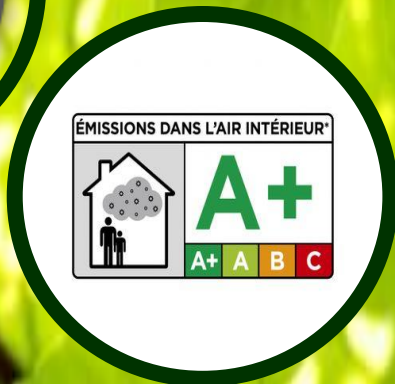
**TecSOM**  
TEXTILE FLOORING FRENCH DESIGNER

# INTRODUCTION

Choosing materials for a project is a crucial step that necessarily determine the building environmental quality and sustainability. Choosing products that comply with the current standards helps greatly to obtaining certifications or labels, which are often tenders prerequisites, particularly for tertiary building construction or layout.

Over the years, the criteria have been strengthened and the emphasis is now clearly placed on building life cycle, comfort and user's quality of life.

All TecSOM collections shows certified technical characteristics which are valuable assets in achieving the targets defined by the main European, French, German and American certification bodies.



# ECO BUILDING

TecSOM analyzes the Life Cycle (LCA) of each product launched and measure precisely its energy consumption and emissions during construction, maintenance and dismantling stages. An assessment of the various environmental impacts is conducted for each product.

We publish FDES for each collection.

FDES comply with standards:  
NF EN 15 804+A1  
NF EN 15 804CN

## ▪ **PRODUCT DURABILITY AND ADAPTABILITY**

Modularity/ Easy installation and dismantling of carpet tiles

Class 33 / U3P3 and U3SP3 - Resistance to heavy traffic

Bfl-s1— Fire resistance

Dimensional stability < 0.10%

10 years warranty

## ▪ **LOW ENVIRONMENTAL IMPACT**

ISO 9001 and ISO 14001

Recyclable polyamide yarn and fiber

TEX tile with textile backing is easy to recycle

BACKING SYSTEM is 100% recycled vinyl

Acoustic underly made from 100% reused fiber

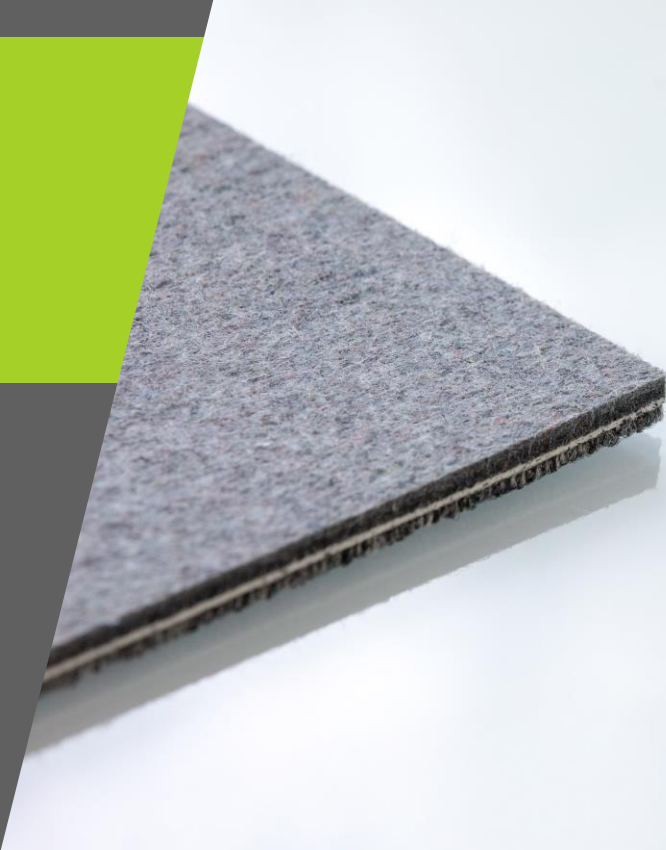
3 collections made from ECONYL regenerated polyamide yarns

## ▪ **LOW SANITARY IMPACT**

▪ GUT and BREEAM - Control of negative impact on health and environment



# ECO CONCEPTION



## ▪ **TEX TILE**

Latest innovation from our R&D laboratory, this product is equipped with a felt backing and shows similar technical characteristics as our classic tiles with Backing System.

100% recyclable polyamide tile on polyester basis.

Free of solvent, phthalates or formaldehyde.

Substantial gains in dB, thermal insulation and walking comfort.

## ▪ **ACOUSTIC UNDERLAY MADE FROM 100% REUSED FIBER**

Each of our collections is available in an acoustic version equipped with a felt underlay anchored to the BACKING SYSTEM. This underlayment is made entirely of regenerated polyamide fiber, recycled by us on our production site, from cutting waste. It allows to achieve insulation gains of 3 to 10 dB.

# ECO CONCEPTION



- **TecSOM LINEAR VISION**

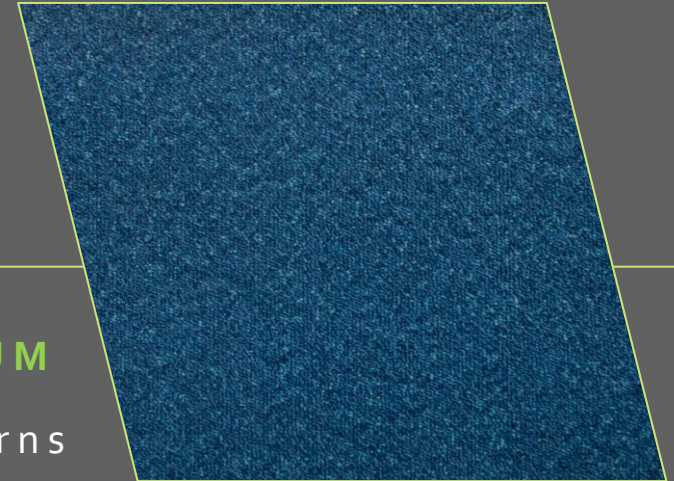
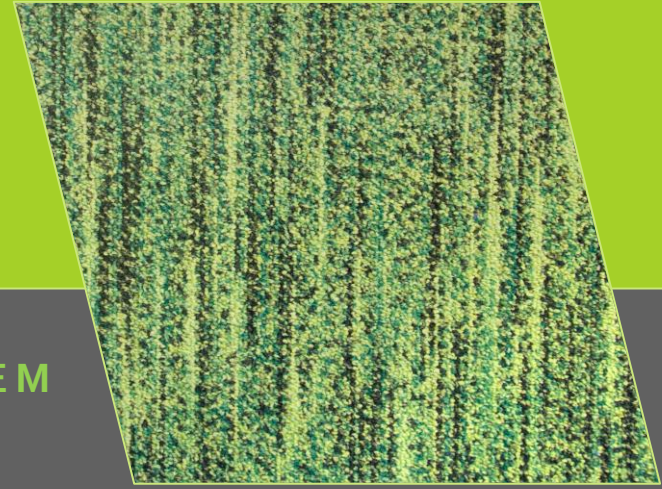
50% ECONYL yarns

- **TecSOM GREEN SYSTEM**

100% ECONYL yarns

78.5% of natural and regenerated materials

U<sub>3</sub>P<sub>3</sub>



- **TecSOM PREMIUM**

50% ECONYL yarns



# ECO MANAGEMENT



## ■ MAINTENANCE OPTIMIZATION

Easy maintenance

Easy replacement/reuse of damaged tiles.

Water-repellent, stain and dust treatments are available on request for all products.

## ■ OPTIMIZATION OF BUILDING SITE WASTE MANAGEMENT

Low fall rate (1% to 2%).

100% recycled and recyclable carton box packaging.

## ■ POLLUTION / RESOURCES USAGE

Building site generates zero pollution and low consumption of resources.

Solvent-free and very low VOC-emitting.

Sticky glue installation ( A+ / EC1+).

## ■ WATER MANAGEMENT

Carpet cleaning is done by brushing/vacuuming and does not require water.



# COMFORT



## ▪ ACOUSTIC COMFORT

Excellent sound absorption and impact noise reduction rates, further enhanced by the addition of a recycled felt acoustic underlay.

Acoustic correction gain of 16 to 32 dB.

## THERMAL COMFORT

Carpet insulation value can exceed up to 10 times that of a hard flooring and reduces the energy bill by up to 10%, whether it is heating or air conditioning.

## ▪ VISUAL COMFORT

We indicate the Light Reflection Value (LRV) for each colour reference, new professional building regulations recommend optimizing light diffusion in professional areas in order to reduce energy consumption and provide comfortable artificial lighting.

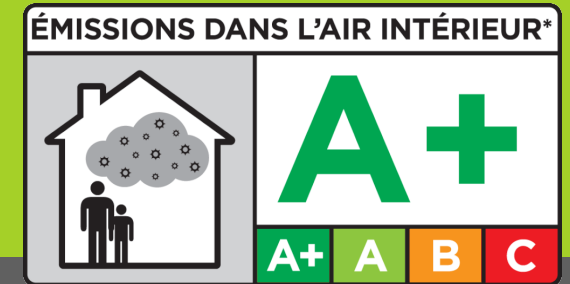
# HEALTHCARE

## ■ INTERIOR SPACES HEALTH CONDITIONS

Dust levels in a carpet-equipped room are up to 50% lower than in a hard-floor room and the presence of allergens is reduced.

TecSOM products can benefit from anti-mite treatment on the customer's request.

BACKING SYSTEM vinyl backing is hygienic and rot-proof and meets HQE and A+ requirements.



## ■ INTERIOR AIR QUALITY

TecSOM products have an A+ label that indicates a very low level of VOC emissions in ambient air.







# CONCLUSION

Choosing TecSOM means choosing the exceptional quality of French know-how, inherited from a long tradition which satisfy all the requirements of today's professional interior spaces, whether in terms of design aesthetics, high technicality of the products or environmental technical performance.

# TecSOM

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[www.tecsom.com/en](http://www.tecsom.com/en)