



A new thinking creates a space  
FLOCKED CARPET

# PURGOTEX

Escaping from ricks and bacteria Sanitary carpet  
진드기, 박테리아로 부터 탈출, 위생적카펫

## Beautiful **Life**, Sanitary **First**

### The magic of **BRANCH**

뭔가 다른 공간... 특별함을 창조하는 마술이라도 있는 것일까요?  
공간을 창조하는 것은 마술이 아니라  
철저한 연구와 테스트를 거쳐 만들어진 기술입니다.

A something different space... Is there a magic creates specialness?  
It is not a magic what creates a space,  
but a technology through thorough researches and tests.

### The fun of **MARBLE**

뻘한 바닥재에서 Fun한 바닥재로 안전한 공간이 즐거운 공간이 되었습니다.  
즐거운 곳은 안전한 곳에서 만들어집니다.

From dull floorings to jolly floorings, safe spaces became fun spaces.  
Fun spaces are created in safe spaces.

### The depth of **MODERN BAMBOO**

모던의 정의는 단순함에 있는 것이 아니라 깊이에 있습니다.  
얼마나 더 견고하게 얼마나 더 안전하게 만들어 졌느냐

A definition of modern is not in the simplicity, but in the profundity.  
The matter is how much more strongly and safely made.

### The rich of **ZEN SQUARE**

비울수록 아름다워지는 공간의 미학을 추구한다면  
절제미의 풍요로움을 담아낼 수 있어야 한다고 생각합니다.

If you investigate esthetics of spaces through emptiness,  
it should include an abundance of moderation.

# BRANCH

The magic of BRANCH

FLOCKED CARPET  
PURGOTEX



The magic of **BRANCH** | A something different space... Is there a magic creates specialness?  
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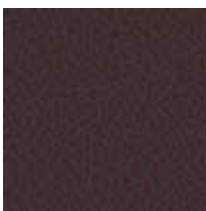
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# 1



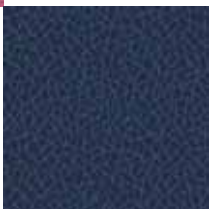
BRANCH 960



BRANCH 650



BRANCH 730



BRANCH 980



BRANCH 460





# MARBLE

The fun of MARBLE

FLOCKED CARPET  
PURGOTEX

# 2

## The fun of MARBLE I

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MARBLE 450



MARBLE 680



MARBLE 840




MARBLE 950



MARBLE 340





# MODERN BAMBOO

The depth of MODERN BAMBOO

FLOCKED CARPET  
PURGOTEX

# The depth of MODERN BAMBOO

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# 3



M BAMBOO 441



M BAMBOO 370



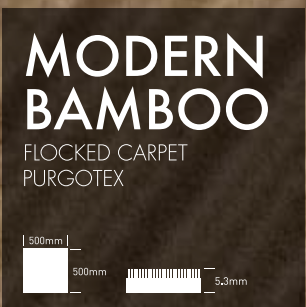
M BAMBOO 980




M BAMBOO 330



M BAMBOO 930







# ZEN SQUARE

The rich of **ZEN SQUARE**

FLOCKED CARPET  
PURGOTEX

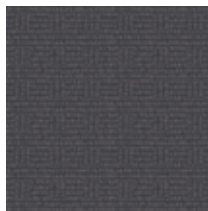
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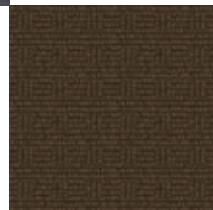
# 4



ZEN SQUARE 440



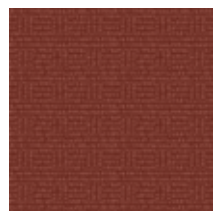
ZEN SQUARE 370



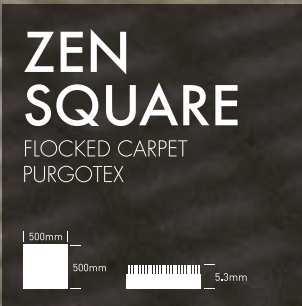
ZEN SQUARE 680



ZEN SQUARE 860



ZEN SQUARE 570



# PURGOTEX

## Easy to clean flocked carpet

Thanks to the dense surface, contaminations, dusts and stains can be easily removed by vacuum machine with powered brush or solution of mild detergent.

## FEATURES

- High density vertical pile structure with 80,000,000 fiber/m<sup>2</sup> - of nylon 6.6 excellent abrasion resistance, stain resistance and anti-bacteria property
- Digital-printed design pattern -customized colors and designs are available
- Comfortable walking and excellent acoustic properties

## APPLICATION

office building, health care, hotel, school, restaurant, library, airport, retail shop, etc

## The Flocking System



Differing from Tufting method of traditional carpet, flocked carpet is manufactured by electrostatic flocking method. It is featured for its dense file surface with 80,000,000 fiber/m<sup>2</sup>, which is as much as 10 times dense than traditional carpet. This dense structure can prevent pollutants from permeating and maintain perfect environmental cleanliness, as well as outstand in its excellent durability and resilience.

## Harmlessness



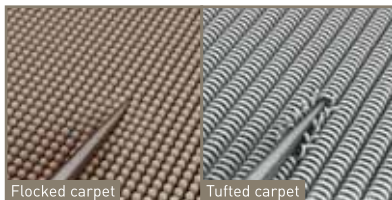
With the feature of water-proof, Flocked Carpet not only blocks bacteria breeding and pollution caused by humid, but also prevents smell, dust and foreign substance. Due to all these advantages, flocked carpet are usually applied in the environment which requires high cleanliness conditions, such as hospitals, kindergartens and nursing homes.

## Restoration Ability



Heavy load caused by high density of 80,000,000 fibers/m<sup>2</sup> makes nearly no indentation left by furniture pressures. Compared to traditional carpet, more than 10 times higher density provides 99% indentation-resilience.

## Outstanding Durability



Distinguished with Tufting carpet, flocked carpet even if stabbed by sharp things, nearly no damage will be created.

## Vertically High Density Structure



PURGOTEX



Tufted carpet

Due to the 100% vertically independent pile, the average life time of flocked carpet (more than 10 years) is much better than normal carpet (2~3 years). After the installation, there is no 'Fray (Edge Curling)' in our carpet. So, you can always feel the effects of brand new carpet.

## Cleanliness

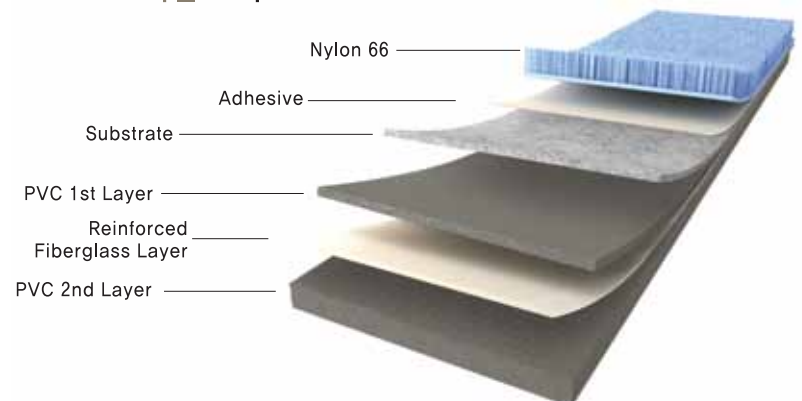


Due to the high density of structure, it is difficult for the pollutant to penetrate. So, you can always use the carpet as good as new.

## Clean up the Flocked Carpet

1. Sweep the pollutant.
2. Apply the floor with diluted cleaning products.
3. Sweep the floor using a comp, mop it with dry towel.

## Structure Map\_Tile products



## Water-proof

test-1. Water-proof Test

[Pictures after 1 minute]



[A Company]  
Absorbed immediately



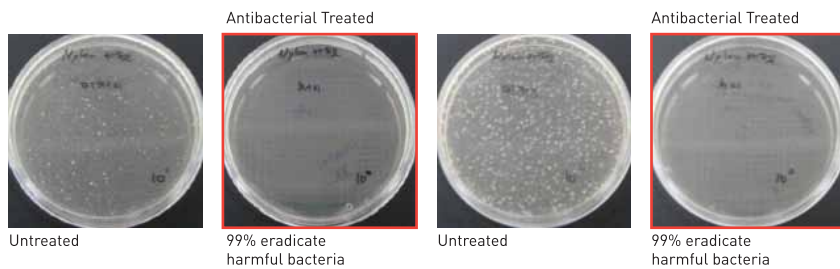
[B Company]  
Absorbed after 1 minute



[LS\_Purgotex]  
Not absorbed after 10 minutes

- Outstanding water-proof function Compared to other brands (Refer to test-1 result).
- Reducing Pollution and bacteria caused by humid and bacteria advantages of keeping cleanliness and health condition.

## Antibiosis



- 99% Exterminating cultured Colon bacillus, staphylococcus, Klebsiella pneumoniae, Pseudomonas. (Applying with KS K 0693)
- Suitable for the environment which requires high cleanliness, such as hospitals, infant facility, nursing homes.

## Eco-friendliness

Acquiring the highest A+ standard of Europe ISO 16000-3



Classification: A+

Test Result

|              | Measured conc after 3 days | Measured conc after 28 days | Limit conc for A+ Classification [ $\mu\text{g}/\text{m}^3$ ] |
|--------------|----------------------------|-----------------------------|---|
| Formaldehyde | 2                          | 0                           | <10   |
| TVOC         | 555.7                      | 24.6                        | <1000   |

## Harm of House Mites



\* Reference : Tom Jackson "House Mite"  
[Length 0.2-1.0mm]

How to Exterminate 'House Mite' ?

The Main Culprit of Allergic Diseases | Report Inputting 2011-05-03 21:29

It is reported that one of every two middle high school students suffers from allergic diseases. The research conducted by Korea Centers for Disease Control and Prevention shows that among the diseases, allergic rhinitis accounts for more than 40% is, atopic dermatitis respectively accounts for 20% and 12%.

The main reason of allergic diseases precisely is 'House Mite'. 32% of First-year students in Primary school, 42% in junior middle school are suffering from house mite allergy. Finally it is important to exterminate the main culprit, house mite.. --- Omitting...

Q : My Son is suffering from allergic nasal inflammation for a long time. How should I take care of my son?

A : There are so many allergic substances around us. When some allergic substances enter our body, the body makes antibodies to protect ours and the process of making antibodies, it occurs some side effects like sneeze, rash, etc. And the typical type of allergic substances are dust and dust mite such as Jang Gwang-Chun and Pediatrician.

Dandruff and Dead skin cell is one of the best food for dust mite. They usually live in blankets, pillows as well as traditional carpets and cause many kinds of allergies to peoples.

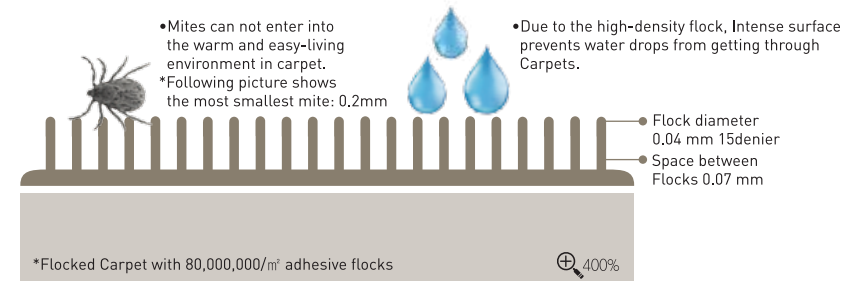
## Common Textiles Carpet



Mites in Carpets

## PURGOTEX (Flocked carpet)

:not supplying adaptive environment for Mite habitation (temperature, humid)



## Specification

| NO. | Item                                       | Standard                  | Requirement  | LS Flocked Carpet Test Result |
|-----|--|---------------------------|--|-------------------------------|
| 1   | Commercial heavy                           | EN 685                    | Class 33   | Satisfied                     |
| 2   | Pile mass                                  | ISO 8543                  | >165 g   |                               |
| 3   | Dimensional stability                      | EN 434                    | <0.25%   |                               |
| 4   | Furniture leg                              | EN 424                    | No deterioration                                   |                               |
| 5   | Abrasion resistance (Lisson test)          | EN 1963                   | Mv<35g/m <sup>2</sup> (ltr ≥3)                     |                               |
| 6   | Castor chair Continuous use (A type)       | EN 985                    | r > 2.4  |                               |
| 7   | Vetterman[short] Abrasion resistance(long) | ISO 10361                 | ≥4 / > 3.5   |                               |
| 8   | Light fastness                             | EN ISO 105 B02            | 6  |                               |
| 9   | Rubbing fastness (wet&dry)                 | EN ISO 105-X12            | >4   |                               |
| 10  | Wet fastness                               | EN ISO 105-E01            | >4   |                               |
| 11  | Dirtying                                   | EN 1269 (A test)          | ≥3   |                               |
| 12  | Electrical resistance                      | ISO 10965                 | >10 <sup>9</sup> Ω                                 |                               |
| 13  | Body voltage                               | ISO 6356                  | <2 kV  |                               |
| 14  | Thermal resistance                         | ISO 8302                  | 0.0651m <sup>2</sup> K/W (<0.17m <sup>2</sup> K/W) |                               |
| 15  | Reaction to fire                           | EN13501-1 (EN ISO 9239-1) | Bfls1 (>8.0kW/m <sup>2</sup> )                     |                               |
| 16  | Smoke density                              | ASTM E 662                | <400ds   |                               |
| 17  | Slip resistance                            | EN 13893                  | DS : >0.30   |                               |
| 18  | Walk sonority                              | NF S31-074                | <65 dB   |                               |

\* The actual item may appear slightly different than printed. Also, a little color difference can happen for manufacturing date.