

# C O N T R A C T

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**MONDO CONTRACT.FLOORING.**

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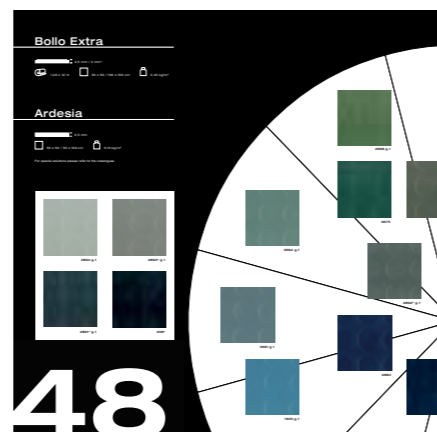
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MONDO'S PRODUCTION SITE AT GALLO D'ALBA

Our history

# FACTS AND FIGURES

We operate in 196 nations, with 13 production sites, 30 subsidiaries and 1500 employees

Established as a family-run business in 1948, Mondo has created inventions, filed patents and achieved great successes in over 60 years, to become a major group with 30 subsidiaries located in Europe, America and Asia. Today, the company employs more than 1,500 people at 13 production sites and distributes its products in 196 nations where it is universally recognised as the world's leading manufacturer of residential and sports flooring.





Environmentally friendly flooring

# A NATURAL CHOICE

Mondo flooring respects the environment, during each stage of its lifecycle, from production to installation, use and disposal

## OUR GOALS

- Eliminating hazardous chemical substances from production processes.
- Producing materials that are entirely recyclable, with a reduced environmental impact.
- Lowering the cost of product lifecycles.

These are just some of the goals Mondo is committed to achieving.

## PRODUCTION

To honour our commitments, we carefully monitor each stage of the production cycle, to minimise waste and eliminate any potentially hazardous substance. Even our most technologically advanced surfaces are free of plasticizers, heavy metals,

asbestos, chlorine and halogen. This focus during production makes our products 100% recyclable up to the end of their lifecycle.

## ENVIRONMENTALLY FRIENDLY

Mondo products are made using natural and synthetic raw materials which are not considered hazardous according to the most stringent national and international standards. We source raw materials with the utmost attention and continually test them, at our production sites too. Additional safety testing is carried out at independent certified laboratories that assess our products for conformity to environmental protection regulations.



RECYCLABLE MATERIALS



ORGANIC PIGMENTS



NATURAL RUBBER



CLEAN ENERGY

COVERING A SURFACE AREA EQUIVALENT TO SIX FOOTBALL PITCHES, THE PHOTOVOLTAIC PLANT AT GALLO D'ALBA IS ONE OF ITALY'S LARGEST, WITH 35,000 M2 OF CELLS PRODUCING A 4.6 MEGAWATTS-PEAK , FOR ELECTRICITY THAT COULD SUPPLY MORE THAN 1,600 FAMILIES, BUT WITH ANNUAL CO2 EMISSIONS REDUCED BY MORE THAN 2,000 TONS, SULPHUR DIOXIDE EMISSIONS REDUCED BY NEARLY 3 TONS, NITROGEN OXIDES BY 2 TONS AND FINE PARTICULATE MATTER BY JUST UNDER 100 KILOS. THESE ARE THE FIGURES BEHIND THE PLANT INSTALLED AT MONDO'S SITE WHICH HAS BEEN OPERATING SINCE LATE 2010. THE GALLO D'ALBA INSTALLATION IS A ZERO IMPACT PLANT, ALSO IN TERMS OF VISUAL IMPACT, AND IS CONCRETE PROOF OF MONDO'S COMMITMENT TO PROTECTING THE ENVIRONMENT AND ACHIEVING ENERGY SELF-SUFFICIENCY.



Innovation and research

# IN COLOUR

Each year we invest 6% of revenues on research and development.

## OUR GOAL

Improving the quality of life in public and private places, with a clever use of colours and light based on end user profiles.

physical and psychological aspects of users in a given environment, based on neuroscience combined with design, in a study which the designers call the "Science of Colour".

## RESEARCH

Such an ambitious goal calls for solid scientific foundations. That's why Mondo commissioned Giulio Bertagna and Aldo Bottoli, from the Italian design practice Studio B&B Colourdesign, to develop a colour scheme based on user profiles. The designers examined the

## THE RESULT

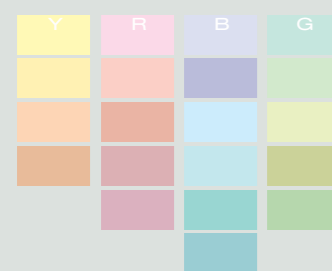
The study by Giulio Bertagna and Aldo Bottoli resulted in an easy-to-use colour scheme which sorts colours by use. New colours are sorted in themed schemes, based on the HML system.



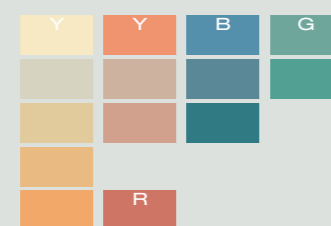
THE HML SYSTEM IS THE BRAINCHILD OF GIULIO BERTAGNA AND ALDO BOTTOLI (B&B COLOURDESIGN), AND AIMS TO HELP DESIGNERS SELECT COLOURS AND SORT SAMPLES BY COLOUR GROUPS (YELLOWS [Y], REDS [R], BLUES [B] AND GREENS [G]) AND THEN INTO FAMILIES BASED ON THEIR FREQUENCY (HIGH [H], MEDIUM [M] AND LOW [L] WHICH CORRESPOND TO SHORT, MEDIUM AND LONG WAVELENGTHS RESPECTIVELY).

COLOUR  
SCHEMES:  
B&B  
RECOMMENDATIONS

### HEALTHCARE • CHILDREN



### HEALTHCARE • ADULTS



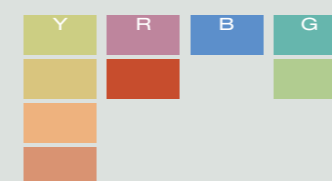
### HEALTHCARE • THE ELDERLY



### OFFICES



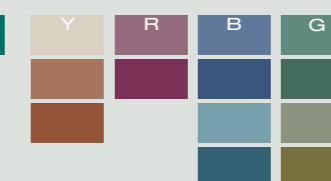
### PRE-SCHOOLS AND PRIMARY SCHOOLS



### SECONDARY SCHOOLS



### UNIVERSITIES

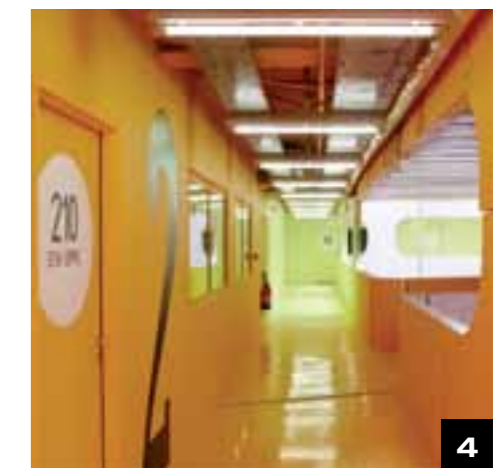


### SHOPS • LARGE-SCALE RETAIL OUTLETS





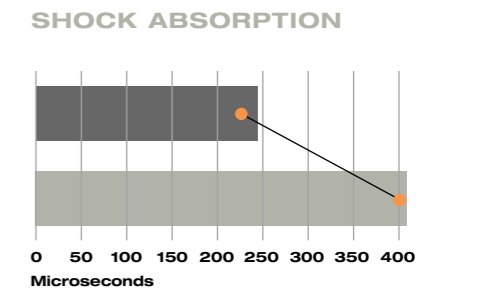
# COMFORT



BOURBAKI LIBRARY, SWITZERLAND

1 • 2 • 4 UNIVERSITÉ  
PIERRE ET MARIE CURIE,  
FRANCE

3 • BOURBAKI LIBRARY,  
SWITZERLAND



THE SHOCK ABSORPTION QUALITIES OF RUBBER FLOORING IS EVIDENTLY GREATER THAN CERAMIC.

## COMFORT UNDERFOOT

The anti-fatigue properties of rubber flooring are due to the unique elasticity of rubber: **rubber provides excellent cushioned comfort underfoot.**

## WARM

Mondo floorings, compared to ceramics, have a better thermal conductivity value (EN 12667).

## ERGONOMICALLY CORRECT

Comfort underfoot is improved without affecting the movement of heavy rolling loads. The shock absorption qualities of rubber reduce the risk of injuries when falling compared to other surfaces.

## EFFECTIVE NOISE BARRIER

Compared to other flooring products, Mondo rubber flooring efficiently reduces the sound of foot traffic (min. 6 dB - max. 22 dB). Thanks to these characteristics, Mondo rubber flooring can also provide acoustic insulation in the work place (ISO 140-8 and ISO 717-2).



MOVISTAR, SPAIN

- 1 • BRANDWEER GENT, BELGIUM
- 2 • PHILIPS ARENA, ATLANTA GA, USA
- 3 • UNIVERSITÀ DEGLI STUDI DI FIRENZE, ITALY

#### WEAR RESISTANCE

Designed to suit high traffic areas:

- Abrasion resistance: <math>< 160 \text{ mm}^3 \text{ (ISO 4649)}</math>
- CSTB classification: **U4 P3 E2/3 C1**, suitable for high traffic areas
- EN 685 Classification: **Class up to 43**

#### LONG LASTING

Exceptional long-lasting thanks to the low values of residual indentation (**EN 433**), very good flexibility (**EN 435**) and abrasion resistance (**ISO 4649**).

#### STAIN RESISTANCE

Mondo rubber floorings stay perfectly clean thanks to their non porous surface (**EN 423**).

#### LOW MAINTENANCE

A protective coating is applied during the manufacturing process to make the subsequent maintenance of Mondo's flooring easier.

#### HIGH DIMENSIONAL STABILITY

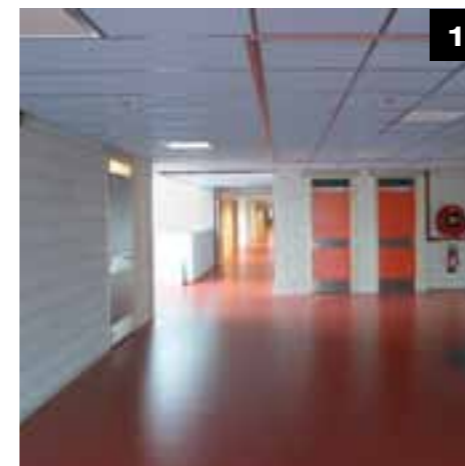
Mondo floors have high dimensional stability and they do not need to be heat welded, however, for a more sterile environment most contract surfaces can be heat welded.

#### RESISTANCE TO CIGARETTE BURNS

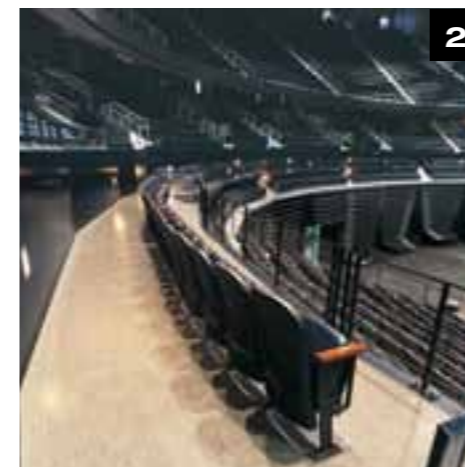
Resistant to cigarette burns (600-800°C) leaving no permanent marks in accordance with the EN 1399 standard.

#### CHEMICAL RESISTANCE

Mondo floorings have a good chemical resistance to physiological liquids and hospital reagents.



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# HEALTHY

OSPEDALE BOLOGNINI, ITALY

## EXTRA HYGIENIC SOLUTIONS

### BACTERIOSTATIC THROUGHOUT

**Mondo rubber floorings**  
are inherently bacteriostatic

and do not require any addition of synthetic antibacterial components or the use of topical coatings.

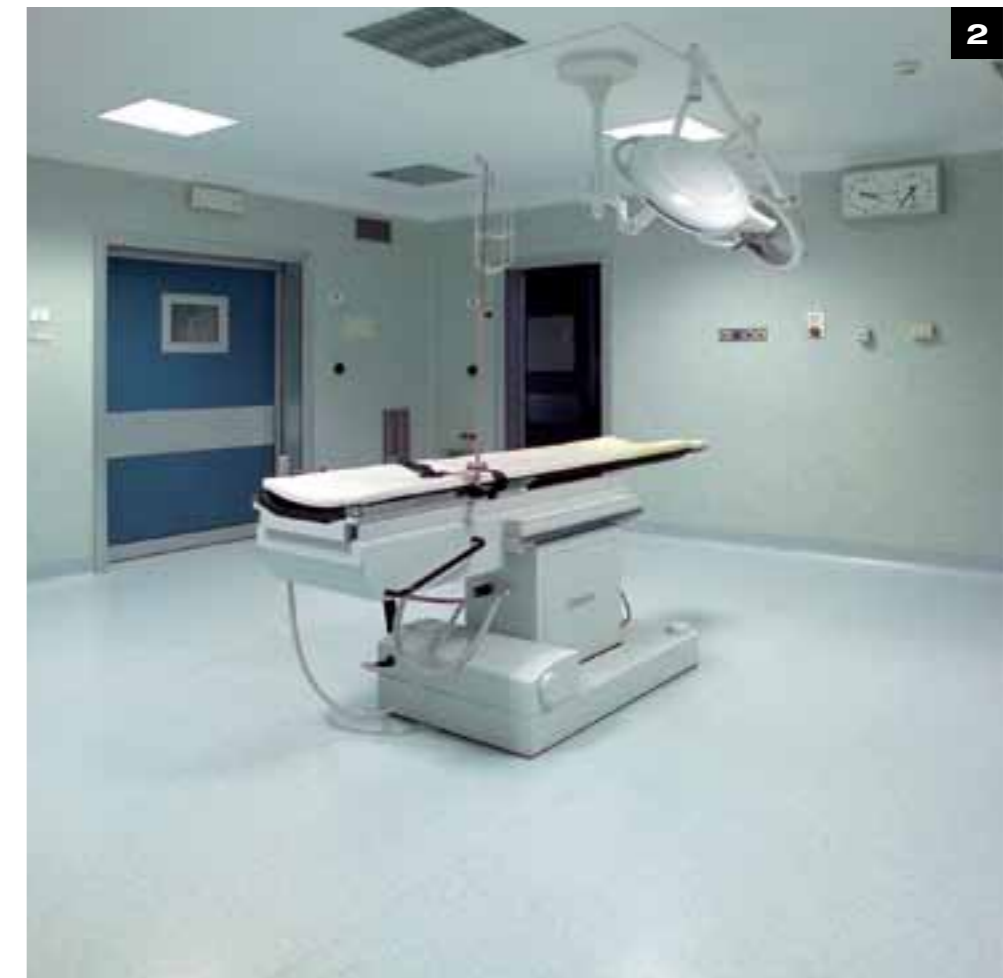
### WATER RESISTANT

Mondo rubber flooring is non-porous and therefore water resistant and **perfectly hygienic**.



1 • OSPEDALE VENEZIALE,  
ITALY

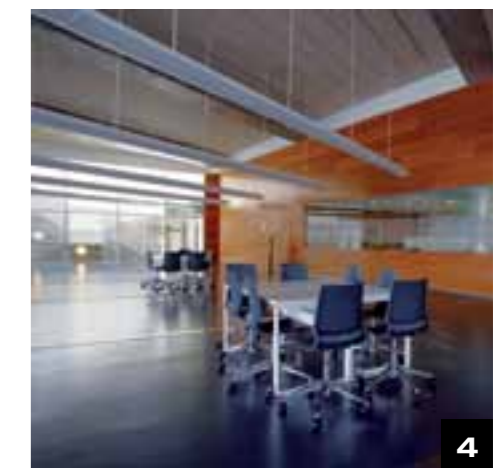
2 • OSPEDALE  
SANTA MARIA ANNUNZIATA,  
ITALY



**HEAT WELDING**  
MONDO RUBBER FLOORING DOES NOT NEED TO BE HEAT WELDED, HOWEVER, FOR A MORE STERILE ENVIRONMENT MOST CONTRACT SURFACES CAN BE HEAT WELDED.

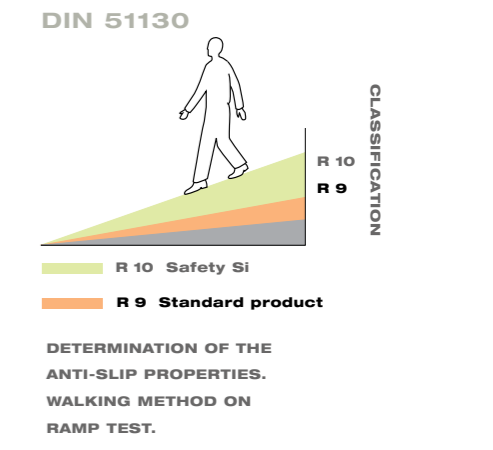


**FLASH COVE**  
IT IS POSSIBLE TO PROVIDE A PERFECT JUNCTION BETWEEN THE SELF COVERED SKIRTING WITH THE FLOOR WHERE SPECIAL WATERPROOFING AND HYGIENIC CONDITIONS ARE REQUESTED.



BIBLIOTECA DE LA UNIVERSIDAD DE DEUSTO, SPAIN

# SAFETY



## SAFE FOR THE ENVIRONMENT

Mondo floors do not contain any plasticizers (phthalates), heavy metals (such as Hg, Cd, Sb, Pb, Mo), formaldehyde and asbestos. Mondo flooring is designed to have a low emission of volatile organic compounds (VOC's).

## SAFE TO WALK ON

By its very nature rubber displays optimal capacity to reduce slipperiness to a minimum, to the great advantage, safety and comfort of users. According to the national and international standards.

## ANTISTATIC

In the standard version rubber displays a natural antistatic response when it is walked on (EN 1815).

## SMOKE EMISSIONS

In case of fire, the fumes released do not contain any corrosive gases and meet all international toxicity standards according to BS 6853 (weight sum of toxic smokes R), NF X 10-702 and ASTM E 662.

## FIRE REACTION

Meets EN 13501-1 standards, and is certified class BFL - S1 e CFL - S1 according the European Standards.



# INLAID LOGOS

CHUQ HOSPITAL, CANADA



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## WATER-JET TECHNOLOGY

Thanks to their versatility, Mondo surfaces can be cut to realize countless typologies of inlay logos, contributing to the creation of the perfect design for each type of environment.

The water-jet technology makes cold cutting

of any material possible, because of the mechanical energy of the water, to produce an extensive range of inlay logos with the same assembly to prevent surface movement and ensure a highly attractive, long-lasting result.

1 • 3 • 4 CHUQ HOSPITAL,  
CANADA

2 • TAMPA GENERAL HOSPITAL,  
USA



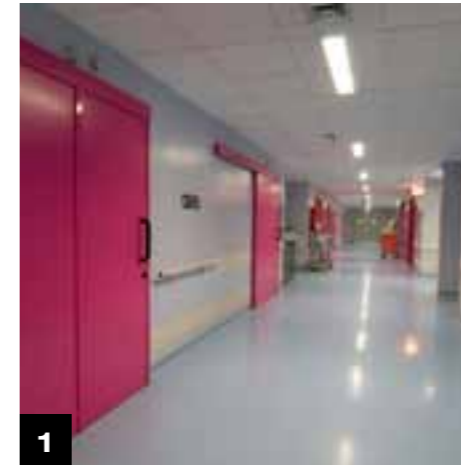
# SPECIAL SOLUTIONS

KLINIKUM NKO OFFENBACH, GERMANY

1 • OSPEDALE CARDINAL MASSAIA DI ASTI, ITALY

2 • 4 • OSPEDALE BOLOGNINI, ITALY

3 • KLINIKUM NKO OFFENBACH, GERMANY



Mondo can provide surfaces specially created to meet the specific technical needs of: laboratories, hospital Operating rooms, cleaning rooms, electronic manufacturing areas, IT installations.

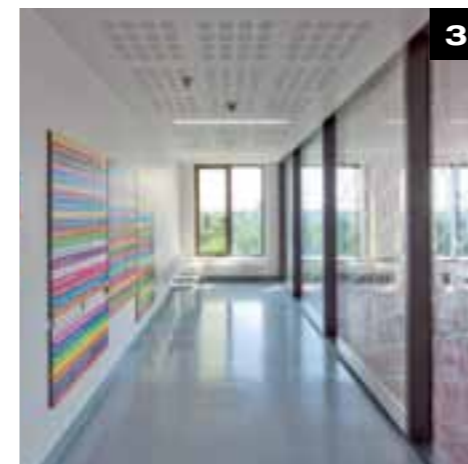


**ELECTRICAL SOLUTIONS**  
 STATIC DISSIPATIVE AND CONDUCTIVE FLOORING

ELECTRICAL SOLUTION COMPLIES TO EN 1081  
 CONDUCTIVE: FROM 10<sup>4</sup> TO 10<sup>6</sup> OHM  
 STATIC DISSIPATIVE: FROM 10<sup>8</sup> TO 10<sup>9</sup> OHM



**EXTRA NOISE REDUCTION**  
 NOISE REDUCTION:  
 > 22 DB (ASTM E2179)  
 > 18 DB (ISO 140-8 AND ISO 717-2)





1 • 2 STAZIONE METRO,  
PORTUGAL  
3 • 4 • 5 STAZIONE METRO,  
ITALY

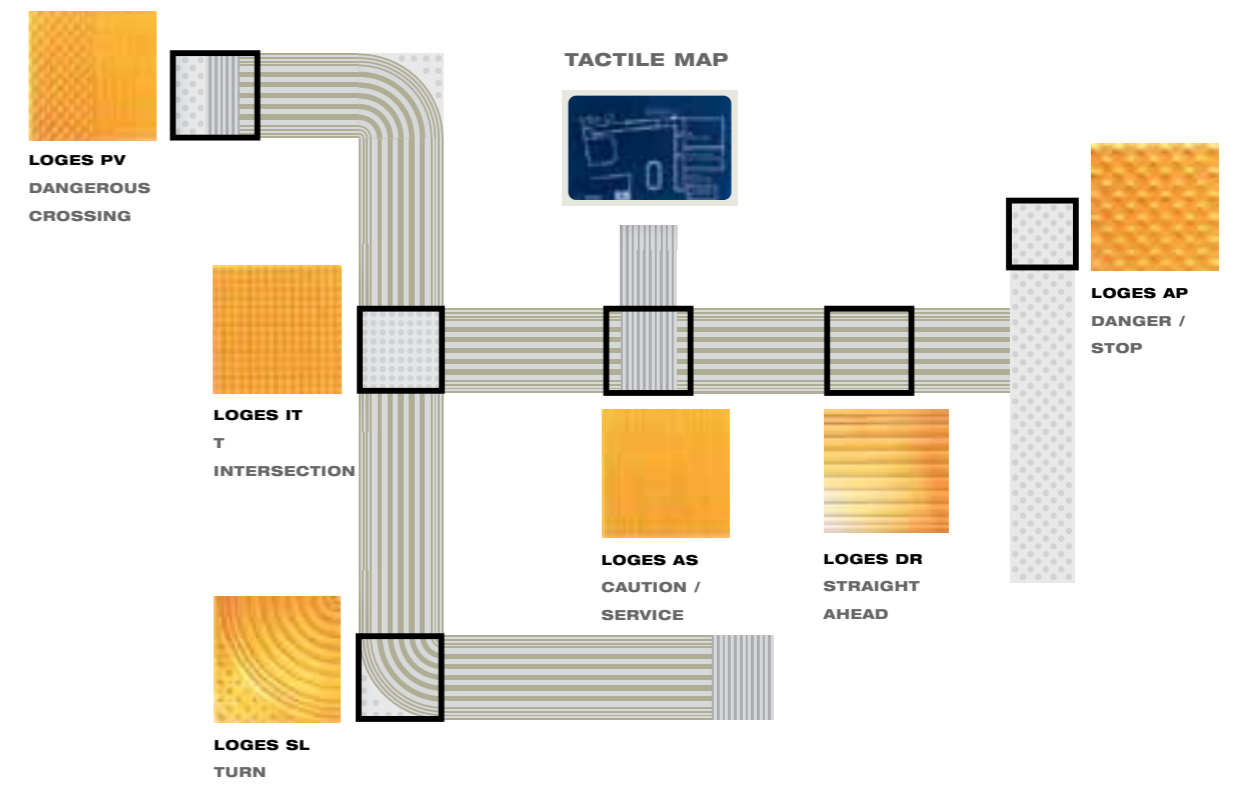


**VISUALLY IMPAIRED PATHWAYS**

Loges, a modular system, is our solution to guide visually impaired individuals walking in a building.

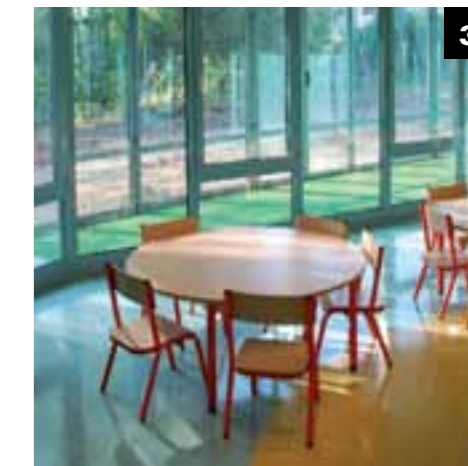
This system has been developed by a team of researchers specialized in solutions for the visually impaired.

The solution act as an helping guide for visually impaired people by providing a textured pathway that the person can sense while stepping on it or with the white stick





# EDUCATION



## ST. POELTEN NURSERY • AUSTRIA

Sourcing flooring materials was a critical part of the entire project. "The flooring had to satisfy numerous criteria. Besides being long-lasting, easy to maintain and clean, and environmentally compatible, we wanted to create a warm, welcoming atmosphere. Reducing noise was also extremely important. I was amazed by the versatile colour schemes available. Mondo rubber flooring met all our technical specifications and was definitely the right solution. We opted for Mondo Grain flooring, with a tone-on-tone colour base and special contrasting fluorescent inlays using One coverings".

*Dorothea Pfaffenbichler, Pfaffenbichler Architektur*

## TORRI DI ARCUGNANO • ITALY

"We chose Mondo floorings not only because of its intrinsic qualities, but also because of the vast range of colours on offer. The end result is, as the children who attend the school will tell you, a "bright and colourful school."

*Studio FONTANAtelier*



1 • 2 ASILO APE TAU,  
ITALY

3 • 4 SCUOLA ELEMENTARE  
TORRI DI ARCUGNANO,  
ITALY

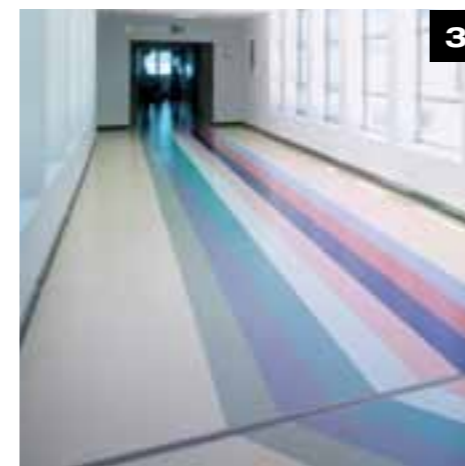


# HEALTHCARE

1 • 3 OSPEDALE VALDICCHIANA EST,  
ITALY

2 • KLINIKUM NKO OFFENBACH,  
GERMANY

4 • KREBSFORSCHUNG INSTITUT,  
GERMANY



**VALDICCHIANA EST HOSPITAL**  
• ITALY

"In addition to optimal hygienic, environmental characteristics, and maintainability, the resilient flooring has a major advantage since it can be recycled, thus making for additional energy savings at the end of their life cycle. I chose rubber due to its compactness, acoustical benefits, wear resistance properties and its aesthetic qualities."

*Prof. Arch. Ettore Zambelli*

**CHUQ CHILDREN'S HOSPITAL**  
• CANADA

"We decided to review the performance of 11 different surfaces. Mondo surfaces obtained excellent results and became our final choice. Our maintenance staff confirmed the validity of our results. We were able to

reduce our maintenance costs by 4,000 hours per year! The ease of the installation was fantastic: it is very flexible, making flash coving an easy task, even in the corners which are perfect."

*Pierre St-Hilaire*

**TAMPA HOSPITAL • U.S.A.**

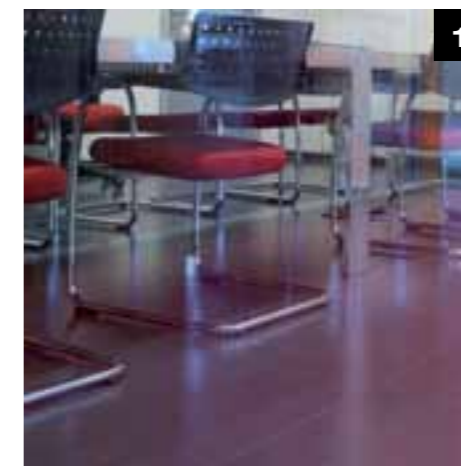
"Mondo rubber flooring was chosen because of its resilient finish that would not require constant polishing and its ability to be maintained while withstanding the traffic and the spills (including betadyne) of an emergency and trauma care area. The rubber flooring, with its acoustic properties, has the additional benefit of ensuring a remarkably quiet emergency department."

*Gresham, Smith and Partners Architects*



# OFFICES

SOLINA SCIENTIFIC PAR, SWEDEN



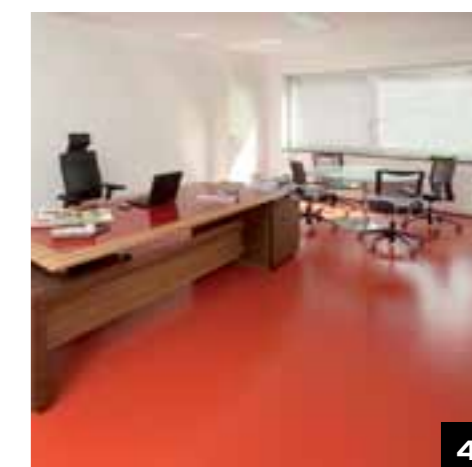
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1 • 2 UFFICI VODAFONE,  
ITALY

3 • UFFICI DEMONT,  
ITALY

4 • UFFICI MONDO,  
ITALY

## ASTRA ZENECA • SWEDEN

"Mondo's rubber floor really acts as an acoustical structural board, reducing the noise level typical of an office building, especially when open. The second reason is its ease of maintenance and cleaning. The alternative could have been Linoleum but it would not have offered the durability and good

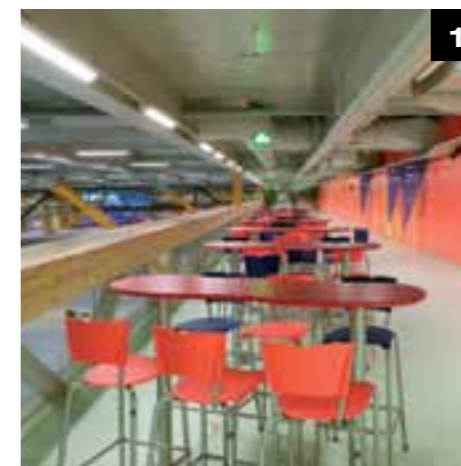
environmental impact as rubber can. We are very pleased with it."

*Mr. Lars Enander, Assistant Director Facilities -  
Project Manager,  
Capital Investment for new building •  
Astra Zeneca group*

## VODAFONE • ITALY

"The aim is to achieve the right level of environmental comfort in each workplace, while preserving the company's identity. For the executive offices, Mondo supplied a 5 mm acoustic rubber flooring with a dark grey, embossed surface, creating a comfortable contrast with the maple wood used for the partitions and furniture."

*Dante O. Benini & Partners*



1 • 2 ES SPORT ARENA,  
FINLAND

3 • 4 KOLOSKEJ CINEMA,  
SLOVENIA

# COMMERCIAL

## PHILIPS ARENA • U.S.A.

"Mondo is a good surface. It is installed in several areas of the arena and holds up very well. It is pretty much maintenance free: we scrub it and wax it, and that's about it. The floor always looks good and when the time comes that we need surfaces in other areas, we will probably buy Mondo again."

*Michael J. Phillips, Building Operations Manager*

## TECHNOLOGICAL POLE OF LODI • ITALY

"Most of the rooms are laboratories, where it is indispensable to maintain perfectly hygienic conditions, and through the use of rubber flooring, it is possible to create curved connections between the floor and the walls and over the wall corners, so as to ensure the possibility of performing all types of cleaning operations."

*Eng. Sibilla*





# TRANSPORTATION

PENDOLINO, ITALY

"The choice of floor coverings is particularly important as they must meet technical standards in anti-slip protection, fire reaction, low emission of fumes in case of fire, ability to withstand wear and tread and ease of maintenance."

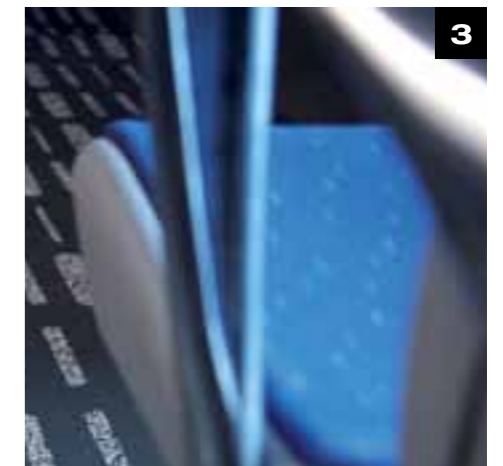
*Italdesign - Giugiaro*



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3



4

1 • 2 • 3 • 4 INFINITE  
CUSTOM-MADE POSSIBILITIES,  
WITH MONDO IDEA DECORS

**SURFACES**



# One



3,0 mm



1,90 x 10 m

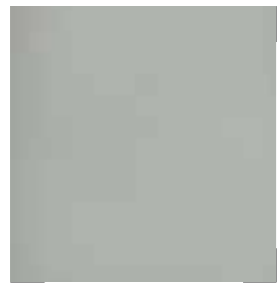


61 x 61 cm



4,80 kg/m<sup>2</sup>

For special solutions please refer to the catalogues



O2912



O3691



O2914

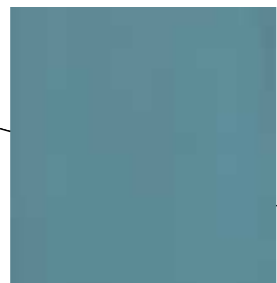


O2915

Neutral



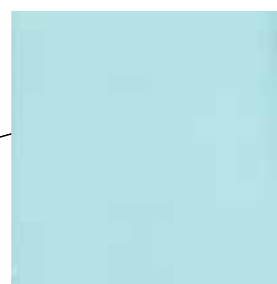
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O3630



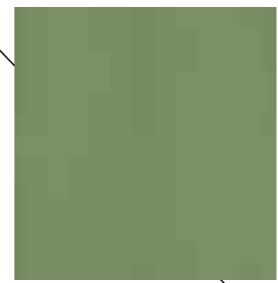
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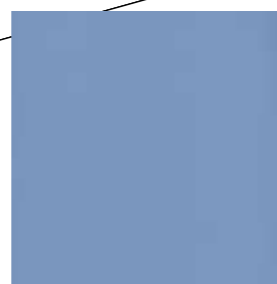
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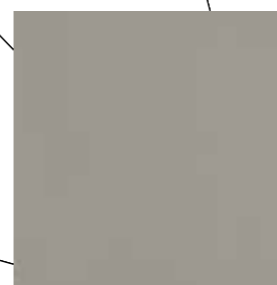
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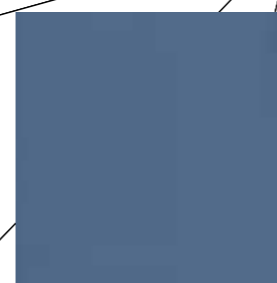
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O3327



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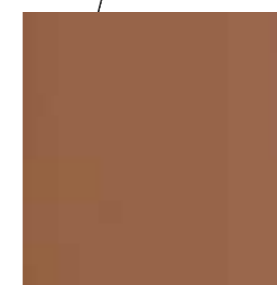
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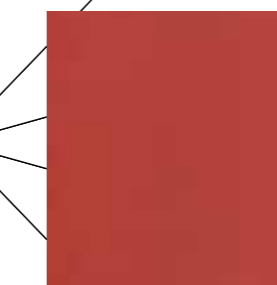
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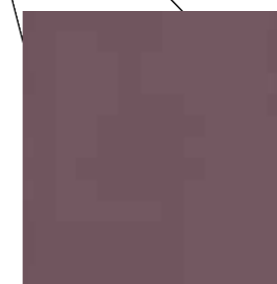
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O3682



O3322



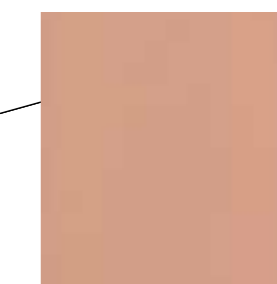
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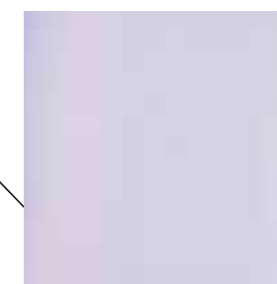
O3328



O3638



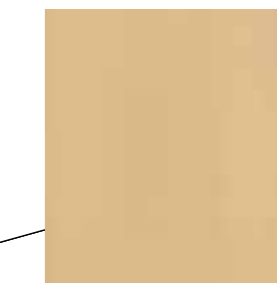
O3627



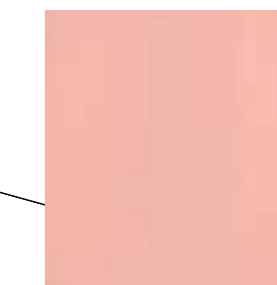
O3610



O3331



O3324



O3606

# Decors

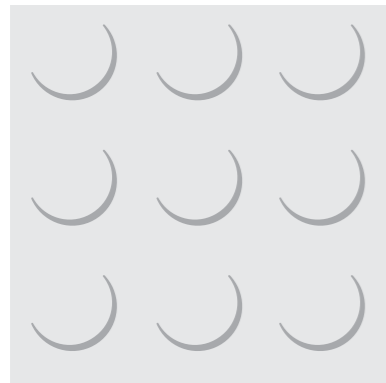
3,0 mm

1,90 x 10 m 4,8 kg/m<sup>2</sup>

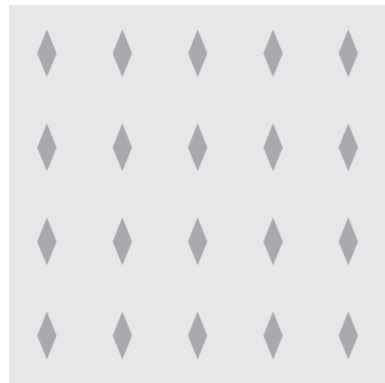
For special solutions please refer to the catalogues



Full Scale Example



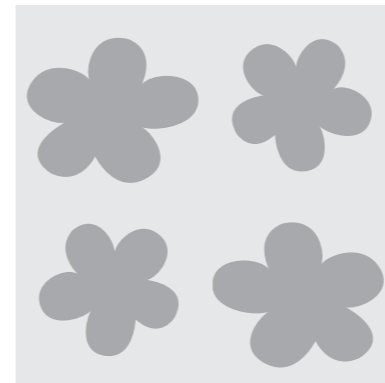
Bubble - Design swatch - 1:12



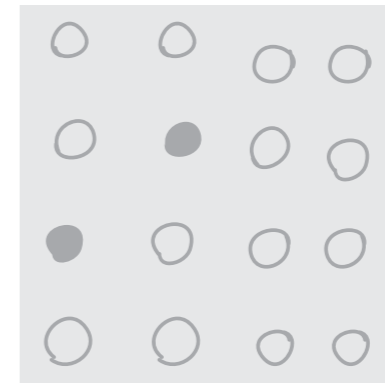
Rumble - Design swatch - 1:12



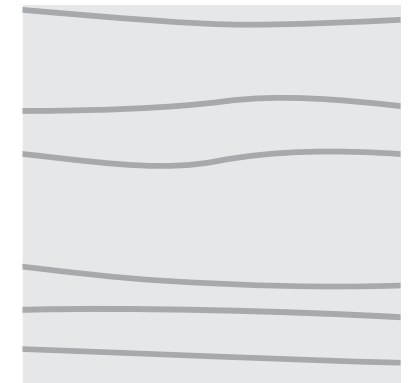
Worm - Design swatch - 1:12



Daisy - Design swatch - 1:12



Spot - Design swatch - 1:12



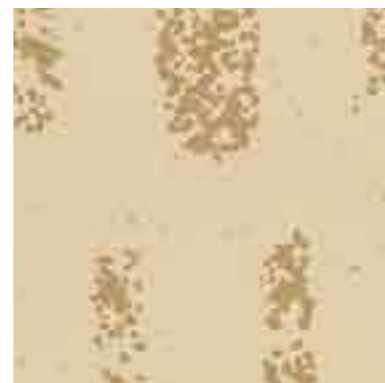
Wave - Design swatch - 1:12



Bubble 1



Rumble 1



Worm 1



Daisy 1



Spot 1



Wave 1



Bubble 2



Rumble 2



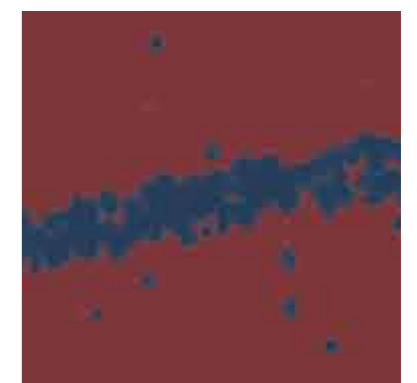
Worm 2



Daisy 2



Spot 2



Wave 2

# Grain



3,0 mm



1,90 x 10 m



61 x 61 cm



4,80 kg/m<sup>2</sup>

For special solutions please refer to the catalogues



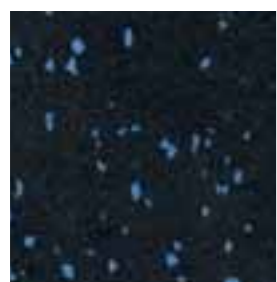
G2912



G3691

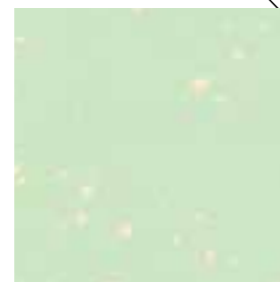


G2914

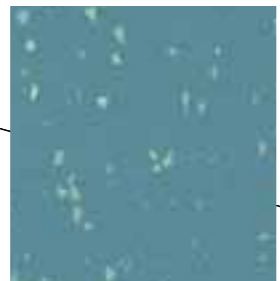


G2915

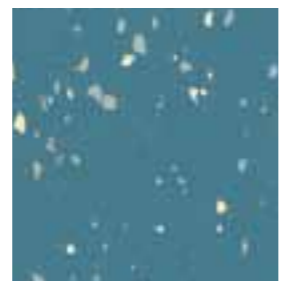
Neutral



G3616



G3630



G3665



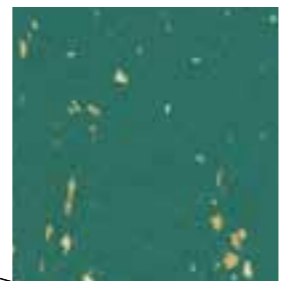
G3613



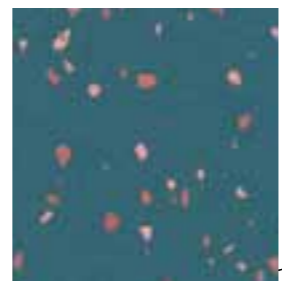
G3660



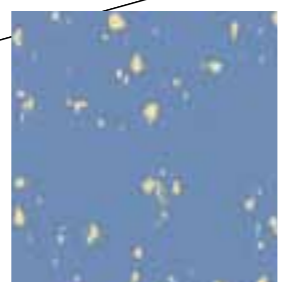
G3650



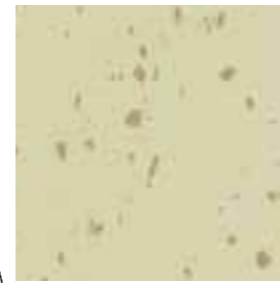
G3675



G3673



G3658



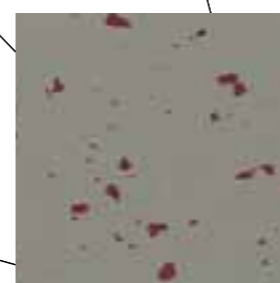
G3332



G3635



G3327



G3712



G3671



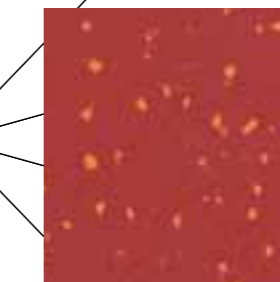
G3637



G3636



G3682



G3322



G3669



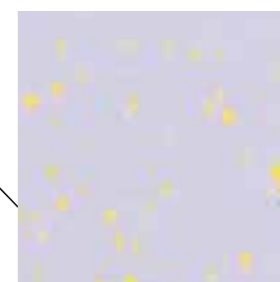
G3328



G3638



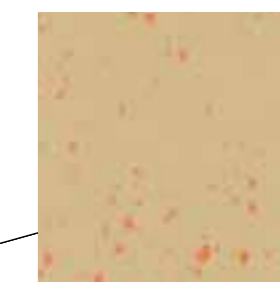
G3627



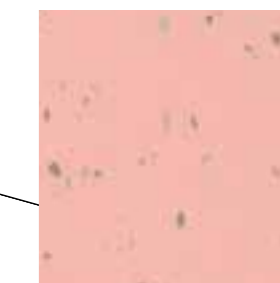
G3610



G3331



G3324



G3606



# Punti

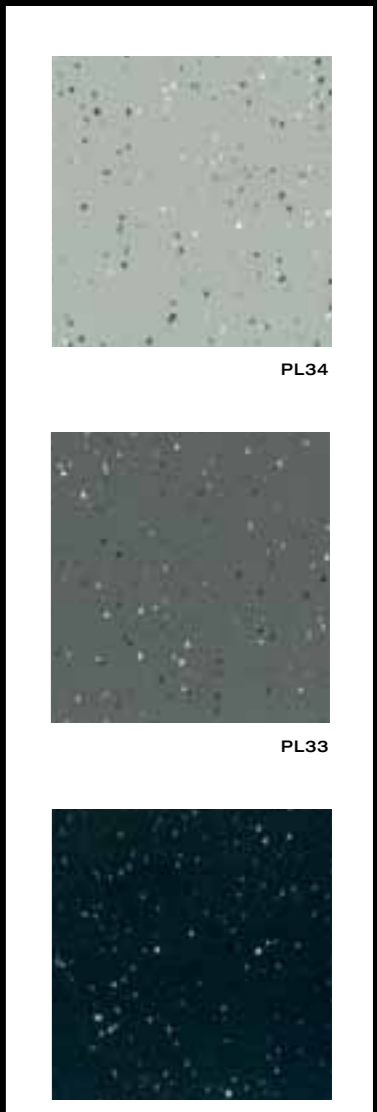
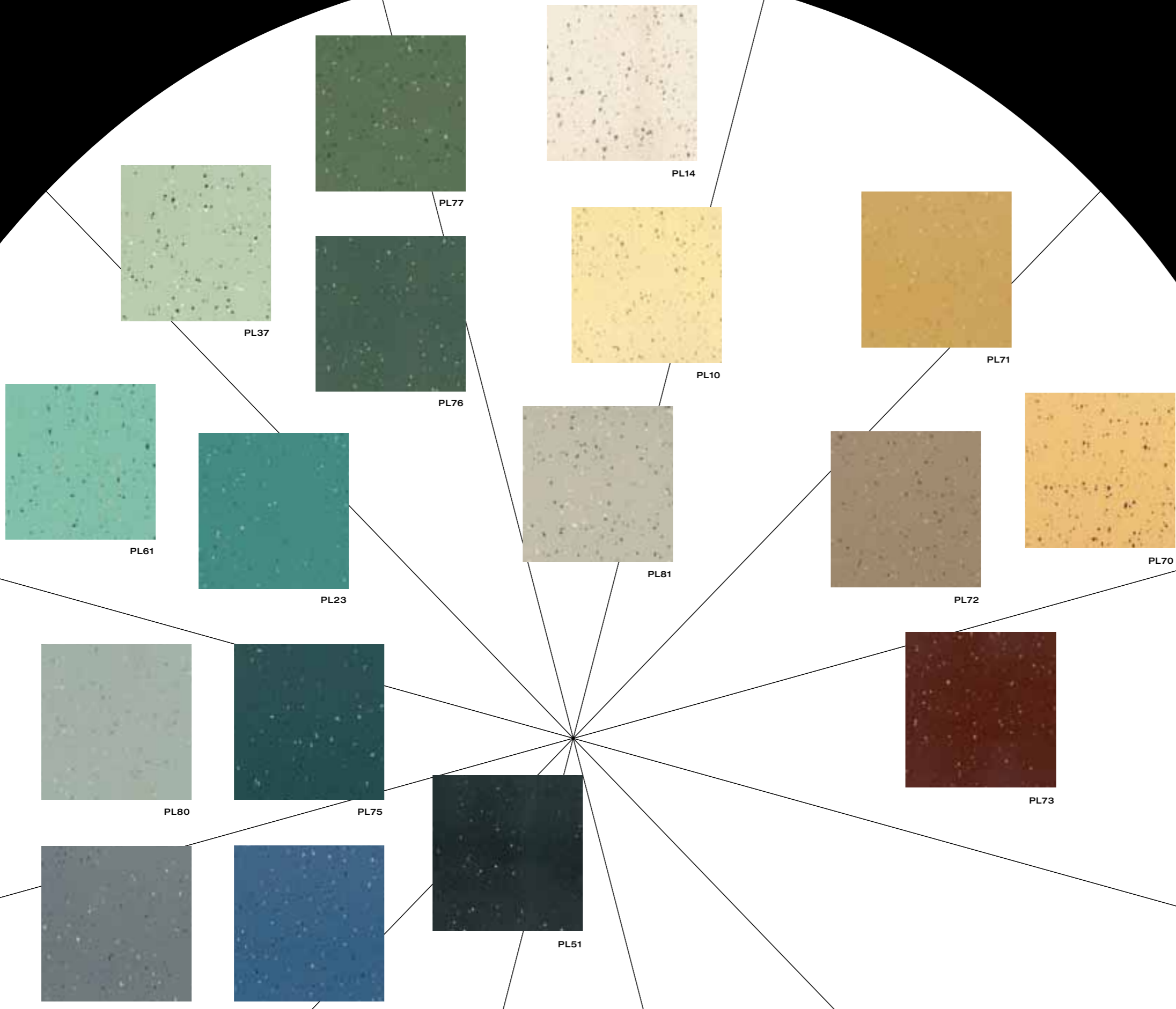
2,0 mm

1,93 x 14 m

61 x 61 cm

3,20 kg/m<sup>2</sup>

For special solutions please refer to the catalogues



Neutral



# Futura

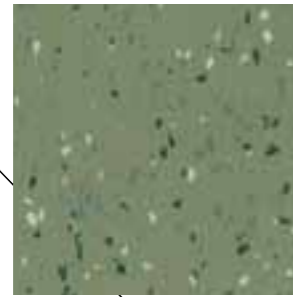
2,0 mm

1,93 x 14 m

61 x 61 cm

3,20 kg/m<sup>2</sup>

For special solutions please refer to the catalogues



FT452



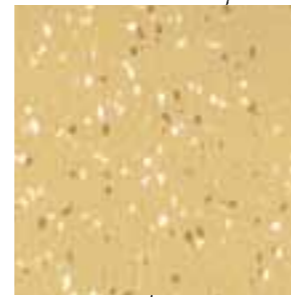
FT444



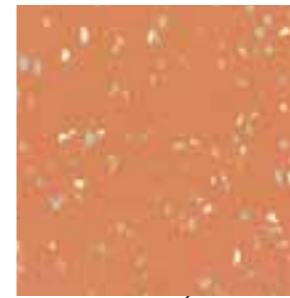
FT443



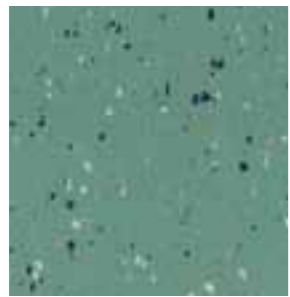
FT455



FT453



FT446



FT432



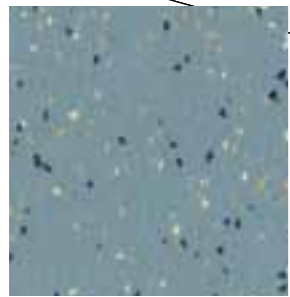
FT447



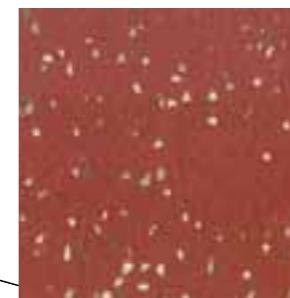
FT454



FT442



FT422



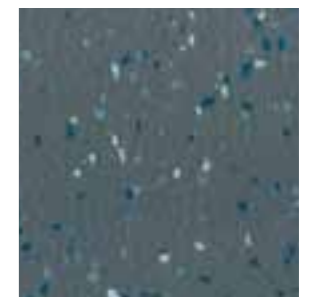
FT448



FT415



FT419



FT451



FT417

Neutral

# Geode



2,0 mm  
1,93 x 14 m 61 x 61 cm 3,20 kg/m<sup>2</sup>

# Alba

2,0 mm  
1,93 x 14 m 61 x 61 cm 3,10 kg/m<sup>2</sup>

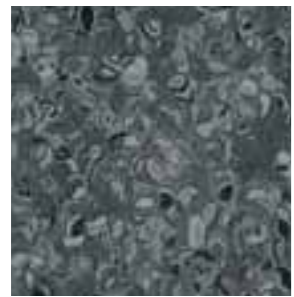
For special solutions please refer to the catalogues



C12

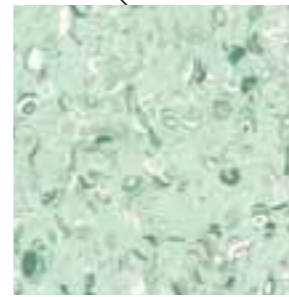
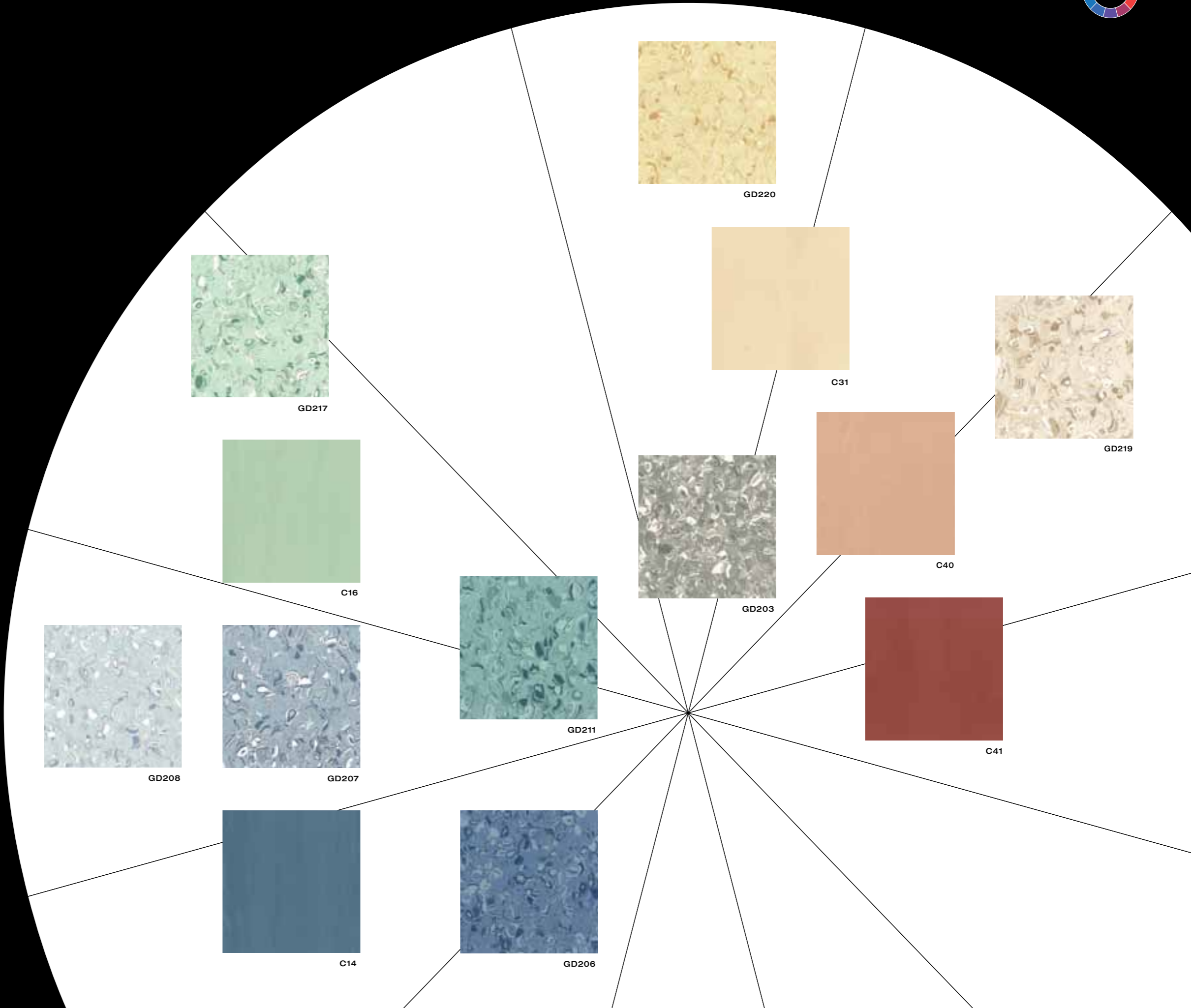


GD204



GD201

Neutral



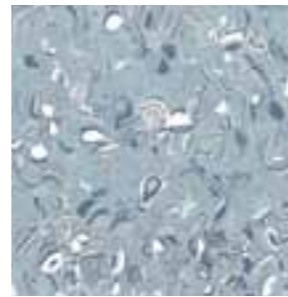
GD217



C16



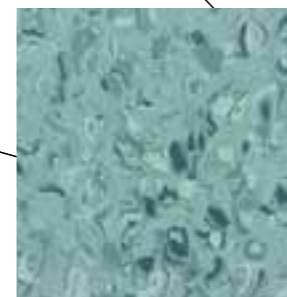
GD208



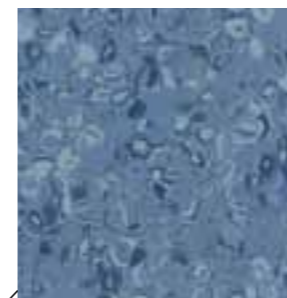
GD207



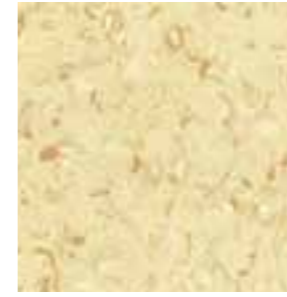
C14



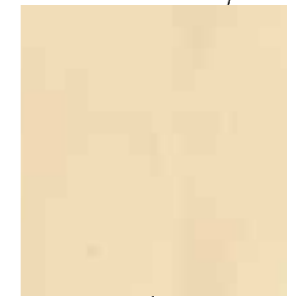
GD211



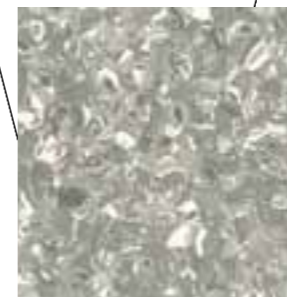
GD206



GD220



C31



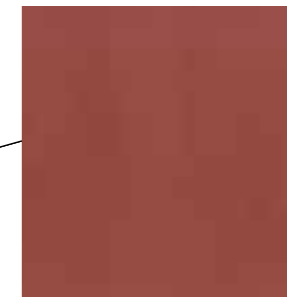
GD203



C40



GD219



C41

# Bollo Extra

2,5 mm / 4 mm\*

1,20 x 12 m 50 x 50 / 100 x 100 cm 3,45 kg/m<sup>2</sup>

# Ardesia

3,5 mm

50 x 50 / 50 x 100 cm 5,10 kg/m<sup>2</sup>

For special solutions please refer to the catalogues



2894 g.1



2893\* g.1



2891\* g.1



208\*



326



458

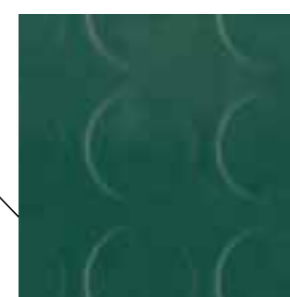
Neutral



3694 g.1



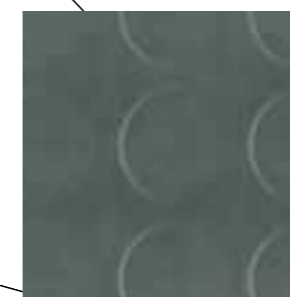
2898 g.1



3675



3679 g.1



2892\* g.1



3691 g.1



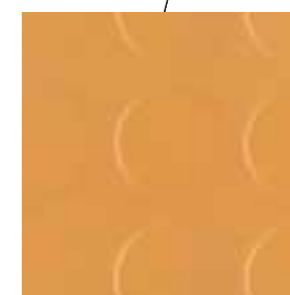
2884



1935 g.1



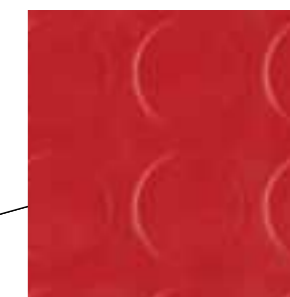
1904



3353



454



453

## One

| Properties  | Test methods             | Unit of measure | Requirements                  | Average values             |
|---|--------------------------|-----------------|-------------------------------|----------------------------|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75                          | 90                         |
| Residual indentation                              | EN 433                   | mm              | ≤ 0,2                         | 0,07                       |
| Abrasion resistance                               | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250                         | 170                        |
| Colour fastness to artificial light               | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3 | ≥ 6                        |
| Fire classification<br>* with or without adhesive | EN 13501-1               | class           | -                             | CLASS B <sub>s</sub> - s1* |
| Dynamic coefficient of friction                   | EN 13893                 | -               | ≥ 0,3                         | in conformity (DS)         |
| Improvement in footfall sound absorption          | ISO 140/8<br>ISO 717/2   | dB              | -                             | 9                          |
| Static electrical propensity                      | EN 1815                  | kV              | < 2 (antistatic)              | in conformity              |

## Grain

| Properties  | Test methods             | Unit of measure | Requirements                  | Average values             |
|---|--------------------------|-----------------|-------------------------------|----------------------------|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75                          | 90                         |
| Residual indentation                              | EN 433                   | mm              | ≤ 0,2                         | 0,07                       |
| Abrasion resistance                               | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250                         | 170                        |
| Colour fastness to artificial light               | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3 | ≥ 6                        |
| Fire classification<br>* with or without adhesive | EN 13501-1               | class           | -                             | CLASS B <sub>s</sub> - s1* |
| Dynamic coefficient of friction                   | EN 13893                 | -               | ≥ 0,3                         | in conformity (DS)         |
| Improvement in footfall sound absorption          | ISO 140/8<br>ISO 717/2   | dB              | -                             | 9                          |
| Static electrical propensity                      | EN 1815                  | kV              | < 2 (antistatic)              | in conformity              |

## Punti

| Properties  | Test methods             | Unit of measure | Requirements                  | Average values             |
|---|--------------------------|-----------------|-------------------------------|----------------------------|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75                          | 90                         |
| Residual indentation                              | EN 433                   | mm              | ≤ 0,15                        | 0,05                       |
| Abrasion resistance                               | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250                         | 160                        |
| Colour fastness to artificial light               | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3 | ≥ 6                        |
| Fire classification<br>* with or without adhesive | EN 13501-1               | class           | -                             | CLASS B <sub>s</sub> - s1* |
| Dynamic coefficient of friction                   | EN 13893                 | -               | ≥ 0,3                         | in conformity (DS)         |
| Improvement in footfall sound absorption          | ISO 140/8<br>ISO 717/2   | dB              | -                             | 6                          |
| Static electrical propensity                      | EN 1815                  | kV              | < 2 (antistatic)              | in conformity              |

## Futura

| Properties  | Test methods             | Unit of measure | Requirements                  | Average values             |
|---|--------------------------|-----------------|-------------------------------|----------------------------|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75                          | 90                         |
| Residual indentation                              | EN 433                   | mm              | ≤ 0,15                        | 0,05                       |
| Abrasion resistance                               | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250                         | 160                        |
| Colour fastness to artificial light               | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3 | ≥ 6                        |
| Fire classification<br>* with or without adhesive | EN 13501-1               | class           | -                             | CLASS B <sub>s</sub> - s1* |
| Dynamic coefficient of friction                   | EN 13893                 | -               | ≥ 0,3                         | in conformity (DS)         |
| Improvement in footfall sound absorption          | ISO 140/8<br>ISO 717/2   | dB              | -                             | 6                          |
| Static electrical propensity                      | EN 1815                  | kV              | < 2 (antistatic)              | in conformity              |

## Geode • Alba

| Properties  | Test methods             | Unit of measure | Requirements                  | Average values   |
|---|--------------------------|-----------------|-------------------------------|--|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75                          | 90 (Geode 2 mm)<br>85 (Alba 2 mm)  |
| Residual indentation  | EN 433                   | mm              | ≤ 0,15                        | 0,1 (Geode 2 mm)<br>0,07 (Alba 2 mm)   |
| Abrasion resistance   | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250                         | 130 (Geode 2 mm)<br>160 (Alba 2 mm)  |
| Colour fastness to artificial light   | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3 | ≥ 6  |
| Fire classification<br>* with acrylic adhesive<br>** with or without adhesive | EN 13501-1               | class           | -                             | CLASS B <sub>s</sub> - s1*<br>(Geode 2 mm)<br><br>CLASS C <sub>s</sub> - s1**<br>(Alba 2 mm) |
| Dynamic coefficient of friction   | EN 13893                 | -               | ≥ 0,3                         | in conformity (DS)   |
| Improvement in footfall sound absorption                                      | ISO 140/8<br>ISO 717/2   | dB              | -                             | 6  |
| Static electrical propensity  | EN 1815                  | kV              | < 2 (antistatic)              | in conformity  |

## Bollo Extra • Ardesia

| Properties  | Test methods             | Unit of measure | Requirements                                   | Average values  |
|---|--------------------------|-----------------|--|---|
| Hardness  | ISO 7619                 | Shore A         | ≥ 75   | 90 (Extra 2,5 mm / 4 mm)<br>80 (Ardesia 3,5 mm)   |
| Residual indentation                              | EN 433                   | mm              | ≤ 0,2 (Extra 2,5 mm)<br>≤ 0,25 (3,5 mm / 4 mm) | 0,08 (Extra 2,5 mm)<br>0,15 (Extra 4 mm)<br>0,15 (Ardesia 3,5 mm)                                     |
| Abrasion resistance                               | ISO 4649<br>met. A - 5 N | mm <sup>3</sup> | ≤ 250  | 150 (Extra 2,5 mm / 4 mm)<br>160 (Ardesia 3,5 mm)   |
| Colour fastness to artificial light               | ISO 105-B02<br>met. 3    | degree          | blue scale ≥ 6 grey scale ≥ 3                  | ≥ 6   |
| Fire classification<br>* with or without adhesive | EN 13501-1               | class           | -  | CLASS B <sub>s</sub> - s1*<br>(Extra 2,5 mm / 4 mm)<br>CLASS C <sub>s</sub> - s1*<br>(Ardesia 3,5 mm) |
| Dynamic coefficient of friction                   | EN 13893                 | -               | ≥ 0,3  | in conformity (DS)  |
| Improvement in footfall sound absorption          | ISO 140/8<br>ISO 717/2   | dB              | -  | 8 (Extra 2,5 mm)<br>14 (Extra 4 mm)<br>13 (Ardesia 3,5 mm)  |
| Static electrical propensity                      | EN 1815                  | kV              | < 2 (antistatic)                               | in conformity   |

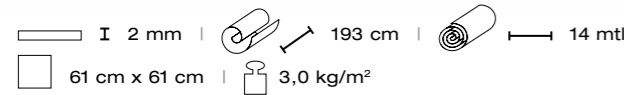
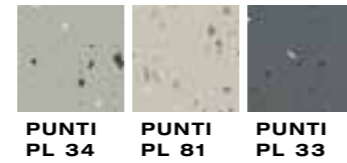
**STATIC DISSIPATIVE**

**Electrical Solution:**  
complies to **EN 1081** from  $10^6$  to  $10^9$  Ohm.

**Electrical Propensity:**  
complies to EN 1815 < 0,5 Kv.

**Recommended applications:**  
laboratories, hospital operating rooms, electronic manufacturing areas, IT installations, cleaning rooms.

Static dissipative comes in the following colors:

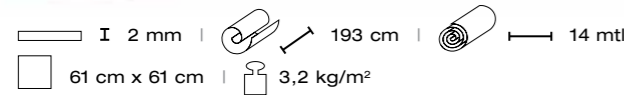
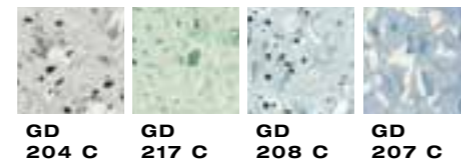


**CONDUCTIVE**

**Electrical Solution:**  
complies to **EN 1081** from  $10^4$  to  $10^6$  Ohm.

**Electrical Propensity:**  
complies to **EN 1815** < 0,5 Kv.

**Recommended applications:**  
laboratories, hospital operating rooms, electronic manufacturing areas, IT installations, cleaning rooms.



**ACOUSTICAL**

**Noise reduction and enhanced cushioning**

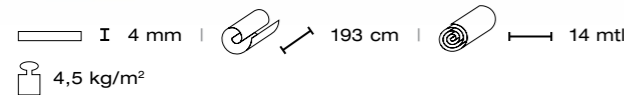
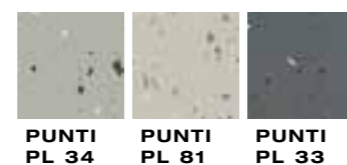
> 22 dB (ASTM E2179)

> 18 dB (ISO 140-8 and ISO 717-2)

**Recommended applications:**  
corridors and areas where foot traffic is constant.

Laboratories, hospital operating rooms, electronic manufacturing areas, IT installations, cleaning rooms.

Acoustical comes in the following colors:



|  | Test methods             | Unit of measure | Requirements                      | Average values from manufacturing controls  |                              |                              |
|--|--------------------------|-----------------|-----------------------------------|---|------------------------------|------------------------------|
|  |                          |                 |                                   | Static dissipative  | Acoustical                   | Conductive                   |
| <b>General requirements</b>  |                          |                 |                                   |   |                              |                              |
| <b>Thickness</b>   | EN 428                   | mm              | 1,85 ÷ 2,15<br>3,8 ÷ 4,2          | 2<br>-  | -<br>4                       | 2<br>-                       |
| <b>Wear layer thickness</b>  | EN 429                   | mm              | 1,8 ÷ 2,2                         | -   | 2                            | -                            |
| <b>Foam backing thickness</b>  | EN 429                   | mm              | ≥ nominal value                   | -   | 2                            | -                            |
| <b>Dimensional stability</b>   | EN 434                   | %               | ≤ 0,4                             | 0,25  | 0,2                          | ≤ 0,4                        |
| <b>Cigarette heat resistance</b>   | EN 1399                  | class           | method A ≥ 4<br>method B ≥ 3      | method A ≥ 4<br>method B ≥ 3  | method A ≥ 4<br>method B ≥ 3 | method A ≥ 4<br>method B ≥ 3 |
| <b>Flexibility</b><br>(mandrel diameter 20 mm)                             | EN 435<br>method A       | -               | no fissuring                      | no fissuring  | no fissuring                 | no fissuring                 |
| <b>Hardness</b><br>* of the wear layer                                     | ISO 7619                 | Shore A         | ≥ 75                              | 82  | 90*                          | 90                           |
| <b>Residual indentation</b><br>(after static loading)                      | EN 433                   | mm              | ≤ 0,15<br>≤ 0,25                  | 0,1<br>-  | -<br>0,225                   | 0,1<br>-                     |
| <b>Peel resistance</b>   | EN 431                   | N/50 mm         | ≥ 50                              | -   | 100                          | -                            |
| <b>Abrasion resistance</b><br>* of the wear layer<br>**method A • 5 N load | ISO 4649**               | mm³             | ≤ 250                             | 200   | Punti: 160*                  | 130                          |
| <b>Colour fastness to artificial light</b>                                 | EN 20105-B02<br>method 3 | degree          | blue scale ≥ 6<br>grey scale ≥ 3  | in conformity   |                              |                              |
| <b>Classification</b>  | EN 685                   | class           | -                                 | Static dissipative: 21-23/31-34/41-42<br>Acoustical: 21-23/31-33<br>Conductive: 21-23/31-34/41-42 |                              |                              |
| <b>Effect of castor chair</b>  | EN 425                   | -               | no surface change except dullness | suitable with wheels type W   |                              |                              |

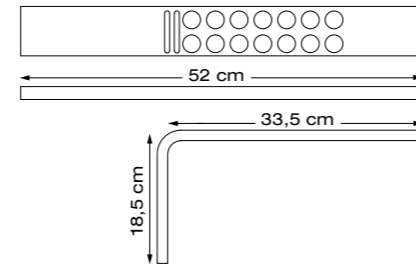
| <b>Essential Requirements</b>                   |                        |        |       | Static dissipative                          | Acoustical                               | Conductive                                  |
|---|------------------------|--------|-------|---|--|---|
| <b>Fire classification</b>                      | EN 13501-1             | classe | -     | B <sub>s</sub> -s1 with or without adhesive | B <sub>s</sub> -s1 with acrylic adhesive | C <sub>s</sub> -s1 with or without adhesive |
| <b>Anti-slip characteristics</b>                | DIN 51130              | degree | -     | R9  | R9                                       | R9  |
| <b>Dynamic coefficient of friction</b>          | EN 13893               | -      | ≥ 0,3 | In conformity (DS)                          |  |   |
| <b>Improvement in footfall sound absorption</b> | ISO 140/8<br>ISO 717/2 | dB     | -     | 6   | 18                                       | 6   |
| <b>Heat transfer resistance</b>                 | EN 12667               | m² K/W | -     | 0,00714                                     | 0,025                                    | 0,00645                                     |
| <b>Thermal conductivity</b>                     | EN 12667               | W/mK   | -     | 0,28  | 0,16                                     | 0,31  |

| <b>Optional properties</b>                             |             |     |  | Static dissipative   | Acoustical    | Conductive            |
|--|-------------|-----|--|----------------------|---------------|-----------------------|
| <b>Toxicity index</b>                                  | NF X 70-100 | R   | ≤ 5  | in conformity        | -             | in conformity         |
| <b>Vertical electrical resistance (R<sub>v</sub>)</b>  | EN 1081     | Ohm | 10 <sup>6</sup> - 10 <sup>9</sup><br>10 <sup>4</sup> - 10 <sup>6</sup> | 10 <sup>7</sup><br>- | -<br>-        | 10 <sup>5</sup>       |
| <b>Electrostatic propensity</b>                        | EN 1815     | kV  | < 2 (antistatic)   | in conformity (< 1)  | in conformity | in conformity (< 0,1) |
| <b>Effect of stains</b>                                | EN 423      | -   | -  | not affected*        | not affected* | not affected*         |
| <b>Effect of simulated movement of a furniture leg</b> | EN 424      | -   | -  | suitable             | suitable      | suitable              |

Mondo reserves the right to change product characteristics at any time.  
\* When tested by means of detergents specifically used for rubber floorcoverings

### A3/EXTRA

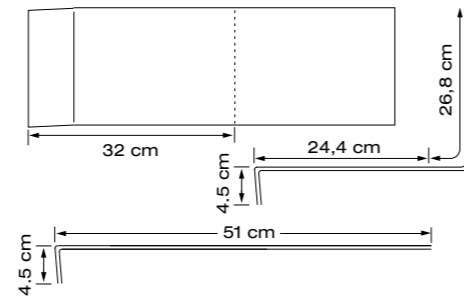
Color range: Bollo Extra.  
The edge of the stairs must have a 2,5 cm radius.



□ I 2,5 mm | 4 mm | ↻ 52 cm | ↻ 12 mtl | ⚖ 2,5 mm: 1,75 Kg/mtl | 4 mm: 2,8 Kg/mtl

### B/EXTRA

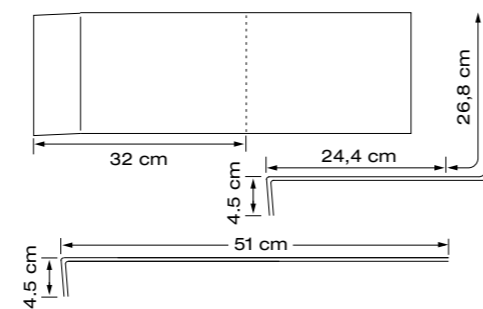
Color range: Bollo Extra.  
For stairs with a sharp edge.



↻ 1,20 | 3,61 mtl | ⚖ 3,2 Kg/mtl

### B/FT

Color range: Futura.  
For stairs with a sharp edge.



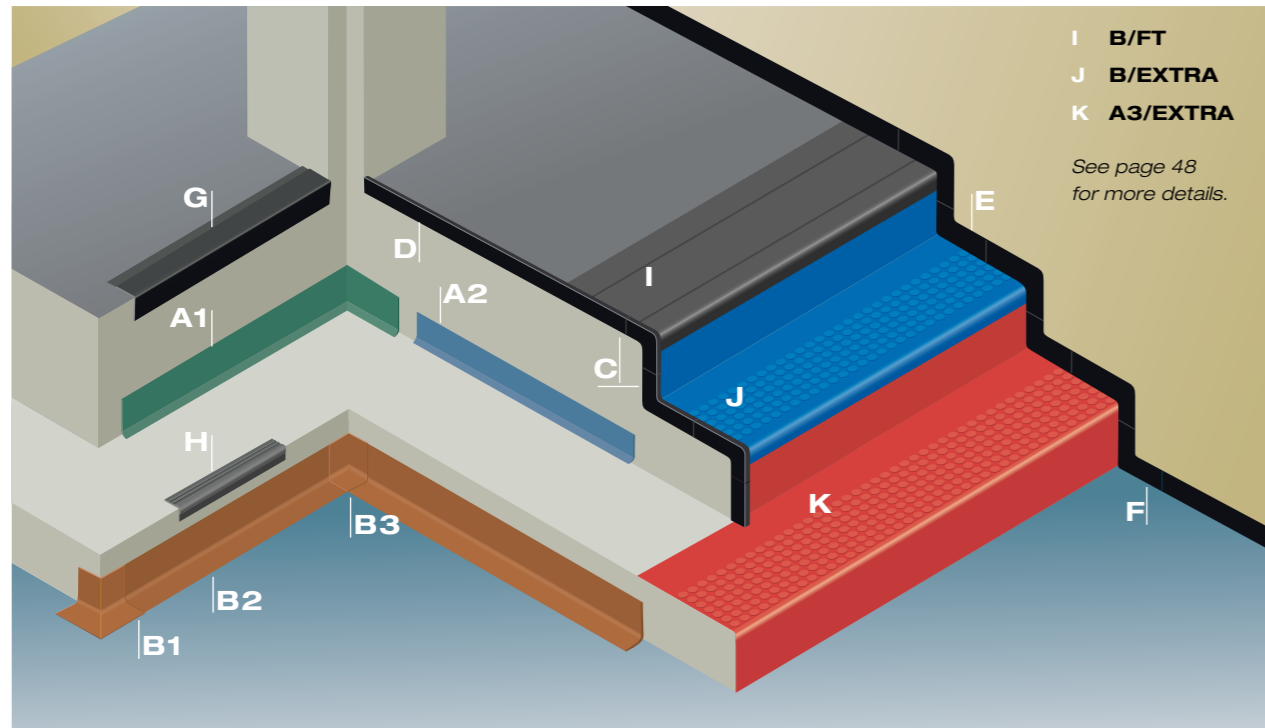
↻ 1,20 | 1,80 | 3,61 mtl | ⚖ 3,3 Kg/mtl

## TECHNICAL DATA

issued in accordance with the norm EN 12199 | issued in accordance with the norm UNI EN 1817 (B-FT)

|   | Test methods           | Unit of measure    | Requirements                     | Average values from manufacturing controls  |  |  |  |
|---|------------------------|--------------------|----------------------------------|---|--|--|--|
|   |                        |                    |                                  | A3 Extra 2,5 mm   | A3 Extra 4 mm                                | B Extra                                      | B-FT   |
| <b>General requirements</b>                               |                        |                    |                                  |   |  |  |  |
| <b>Thickness</b>  | EN 428                 | mm                 | 2,3 ÷ 2,7<br>3,8 ÷ 4,2           | 2,5<br>-  | -<br>4                                       | -<br>-                                       | -<br>-                                       |
| <b>Dimensional stability</b>                              | EN 434                 | %                  | ≤ 0,4                            | 0,35  | 0,25   | 0,2  | 0,1  |
| <b>Tear strenght</b><br>*method B Procedure A             | ISO 34-1*              | N/mm               | ≥ 20                             | 30  | 30   | 40   | -  |
| <b>Cigarette heat resistance</b>                          | EN 1399                | class              | method A ≥ 4<br>method B ≥ 3     | method A ≥ 4<br>method B ≥ 3  |  |  |  |
| <b>Flexibility</b> (mandrel diameter 20 mm)<br>**method A | EN 435**               | -                  | no fissuring                     | no fissuring  |  |  |  |
| <b>Hardness</b>   | ISO 7619               | Shore A            | ≥ 75                             | 78  | 78   | 90   | 90   |
| <b>Residual indentation (after static loading)</b>        | EN 433                 | mm                 | ≤ 0,20<br>≤ 0,25                 | 0,15<br>-   | -<br>0,22                                    | -<br>0,15                                    | -<br>0,15                                    |
| <b>Abrasion resistance</b><br>***method A • 5 N load      | ISO 4649***            | mm <sup>3</sup>    | ≤ 250                            | 200   | 200  | 150  | 160  |
| <b>Colour fastness to artificial light</b>                | EN 20105-B02 method 3  | degree             | blue scale ≥ 6<br>grey scale ≥ 3 | in conformity   |  |  |  |
| <b>Classification</b>                                     | EN 685                 | class              | -                                | A3 Extra 2,5 mm: 21-23/31-32/41<br>A3 Extra 4 mm • B Extra<br>B-FT: 21-23/31-34/41-43 |  |  |  |
| <b>Essential Requirements</b>                             |                        |                    |                                  | <b>A3 Extra 2,5 mm</b>  | <b>A3 Extra 4 mm</b>                         | <b>B Extra</b>                               | <b>B-FT</b>                                  |
| <b>Fire classification</b>                                | EN 13501-1             | class              | -                                | C <sub>fl</sub> -s1 with or without adhesive  | C <sub>fl</sub> -s1 with or without adhesive | B <sub>fl</sub> -s1 with or without adhesive | C <sub>fl</sub> -s1 with or without adhesive |
| <b>Anti-slip characteristics</b>                          | DIN 51130              | grade              | -                                | R9  |  |  |  |
| <b>Dynamic coefficient of friction</b>                    | EN 13893               | -                  | ≥ 0,3                            | In conformity (DS)  |  |  |  |
| <b>Improvement in footfall sound absorption</b>           | ISO 140/8<br>ISO 717/2 | dB                 | -                                | 8   | 14   | 14   | 11   |
| <b>Heat transfer resistance</b>                           | EN 12667               | m <sup>2</sup> K/W | -                                | 0,0083  | 0,0133                                       | 0,0133                                       | 0,0131                                       |
| <b>Thermal conductivity</b>                               | EN 12667               | W/mK               | -                                | 0,30  | 0,30   | 0,30   | 0,305  |
| <b>Optional properties</b>                                |                        |                    |                                  | <b>A3 Extra 2,5 mm</b>  | <b>A3 Extra 4 mm</b>                         | <b>B Extra</b>                               | <b>B-FT</b>                                  |
| <b>Ozone resistance</b>                                   | ASTM D-1149            | -                  | -                                | no fissuring  |  |  |  |
| <b>Vertical electrical resistance (R<sub>v</sub>)</b>     | EN 1081                | Ohm                | -                                | ≥ 10 <sup>10</sup>  |  |  |  |
| <b>Electrostatic propensity</b>                           | EN 1815                | kV                 | < 2 (antistatic)                 | in conformity   |  |  |  |
| <b>Effect of stains</b>                                   | EN 423                 | -                  | -                                | not affected*   |  |  |  |

Mondo reserves the right to change product characteristics at any time.  
\* When tested by means of detergents specifically used for rubber floorcoverings



RUBBER COVE BASE

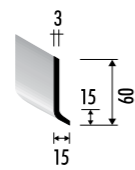


Color range

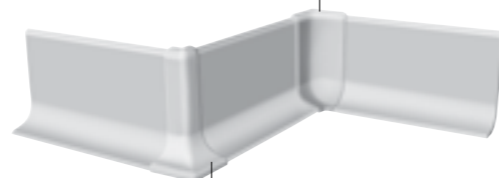
**A1 VP3/60**

Rubber cove base.

10 mtl | 0,2 Kg/mtl



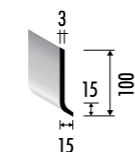
VP3/100 IN  
VP3/60 IN



**A2 VP3/100**

Rubber cove base.

10 mtl | 0,3 Kg/mtl



VP3/100 OUT  
VP3/60 OUT

**VP5/100**

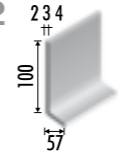
Rubber cove base with connection to the floor.

4 mtl | 0,4 Kg/mtl

**B1**



**B2**



**B3**

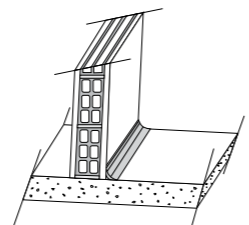


**VP14 • VP15**

Rubber radius cove fillers for sheet good flash cove.

3 mtl

VP 14 : 20 mm radius  
VP 15 : 38 mm radius



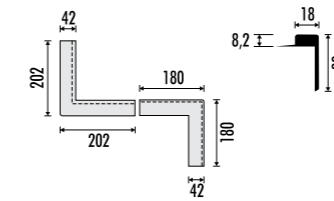
STEP ACCESSORIES



O 2914 O 2915  
Color range

**C VP7**

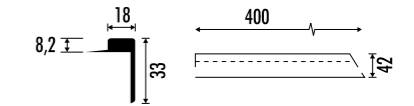
Rubber stair angle to finish outside edges of stairs.



**D VP8**

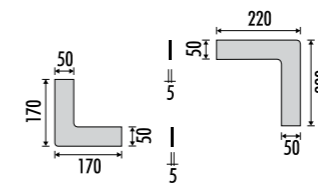
Rubber landing trim to finish outside edges of landings.

4 mtl



**E VP9**

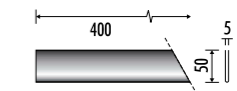
Rubber stair angle to finish inside edges of stairs.



**F VP10**

Rubber straight base for wall side of landings.

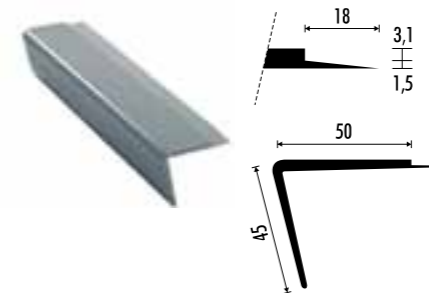
4 mtl



**G VP11**

Rubber stair nosing with underlap.

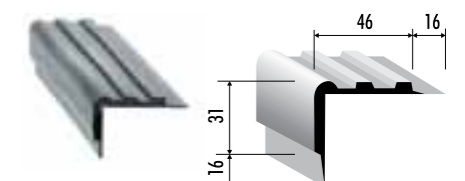
4 mtl



**H TR10**

Rubber stair nosing with ribbed surface and underlap.

3 mtl



RUBBERWELD



The heat welding process allows seams to be hermetically sealed to create perfectly hygienic surfaces ideal for sterile and sanitary areas such as operating rooms and laboratories. Acoustical flooring requires this heat welding procedure.

Mondo offers a wide color range to match every colors of its products offering or to create a special effect according to your design.

**SPORTFLEX SEALSKIN**

SEALSKIN EMBOSSING

- Designed for multipurpose areas where the practice of different sports is requested.
- Waterproof material ideal for indoor recreation centres and fitness and for all different outdoor sports.
- Thanks to the non slippery surface, **it can be used on ramps or stairs and passageways where walking sometimes can be difficult.**

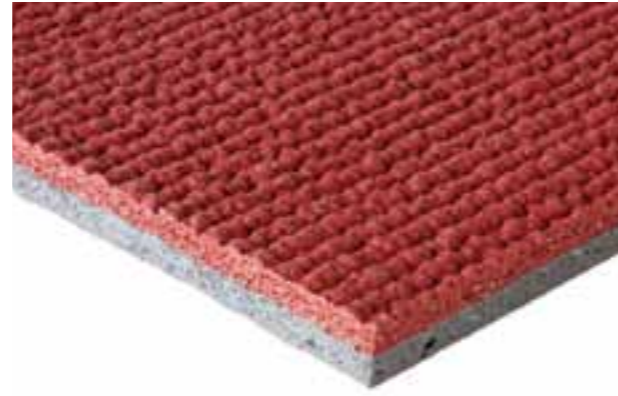


Supplied in rolls in different thicknesses, 8 colours available, *For more informations, please consult our website or phone our sales office.*

**SPORTFLEX TRACK**

TRACK EMBOSSING

- Specifically supplied for indoor and outdoor running tracks.
- **Minimal deterioration of the top layer and long life to the installation** keeping the ideal conditions for athletes, considering the optimal deformation of the material where stressed, with consequent maximum energy absorption and return.
- **Suitable for external rehabilitation areas.**



Supplied in rolls in different thickness, 8 colours available only for indoor use and 7 colours available for indoor and outdoor use. *For more informations, please consult our website or phone our sales office.*

**TECHNICAL DATA**

| properties  | Test methods           | Unit of measure | Average values from manufacturing controls |                              |
|---|------------------------|-----------------|--|------------------------------|
|   |                        |                 | Sportflex Sealskin                         | Sportflex Track              |
| <b>Thickness</b>  | EN 428                 | mm              | 4,5  | 6                            |
| <b>Hardness</b>   | ISO 7619               | Shore A         | 57   | 57                           |
| <b>Abrasion resistance</b><br><small>*method A • 5 N load</small>       | ISO 4649*              | mm <sup>3</sup> | 180  | 170                          |
| <b>Tensile strenght</b>   | EN 12230               | MPa             | 0,7  | 0,5                          |
| <b>Elongation to rupture</b>  | EN 12230               | %               | 150  | 120                          |
| <b>Cigarette heat resistance</b>  | EN 1399                | -               | method A ≥ 4<br>method B ≥ 3               | method A ≥ 4<br>method B ≥ 3 |
| <b>Colour fastness to artificial light</b><br><small>**method 3</small> | EN 20105-B02**         | grade           | ≥ 6  | ≥ 6                          |
| <b>Improvement in footfall sound absorption</b>                         | ISO 140/8<br>ISO 717/2 | dB              | 16   | 18                           |
| <b>Water permeability</b>   | EN 12616               | -               | impermeabile                               | impermeabile                 |
| <b>Ball reflection</b>  | EN 12235               | %               | ≥ 95                                       | ≥ 95                         |
| <b>Slipping behavior</b>  | EN 13036-4             | -               | ≥ 90 (dry)<br>≥ 55 (wet)                   | ≥ 100 (dry)<br>≥ 55 (wet)    |

Mondo reserves the right to change product characteristics at any time.

**BOLLO EXTRA ROLLS**

Classic studded product produced in rolls.  
Suitable for corridors, platforms and suggested any time roll goods are preferred.



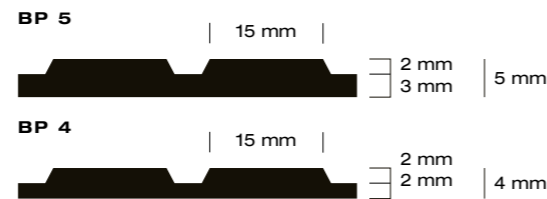
3691



454

**BP**

Suitable to high traffic.  
Extensively used on means of transports (urban busses, trains, trams and metro).



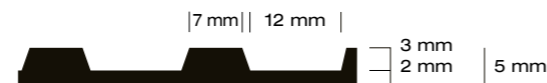
206 GREY



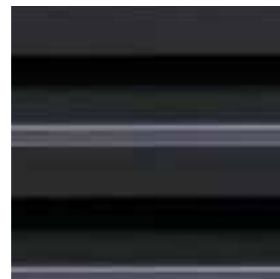
208 BLACK

**SM**

Heavy traffic product for corridors, ramps, stairs.  
Used mainly on means of transport (trams and metro).



206 GREY



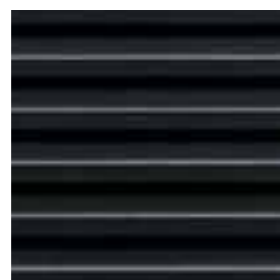
208 BLACK

**SF**

Medium and high traffic product for industrial use or means of transport.



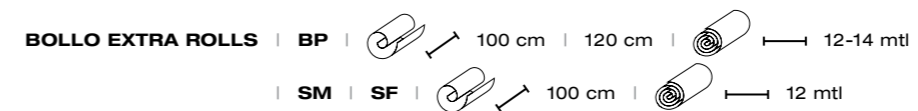
206 GREY



208 BLACK

|   | Test methods           | Unit of measure    | Requirements                                     | Average values resulting from production controls |                               |                |                |                              |  |
|---|------------------------|--------------------|--|---|-------------------------------|----------------|----------------|------------------------------|--|
|   |                        |                    |  | Bollo Extra Rolls 2,5 mm                          | Bollo Extra Rolls 4 mm        | BP 4 mm        | BP 5 mm        | SM 5 mm                      | SF 3 mm  |
| <b>General requirements</b>                               |                        |                    |  |   |                               |                |                |                              |  |
| <b>Thickness</b>  | EN 428                 | mm                 | 2,3 ÷ 2,7<br>2,8 ÷ 3,2<br>3,8 ÷ 4,2<br>4,8 ÷ 5,2 | 2,5   | -                             | -              | -              | -                            | -  |
| <b>Dimensional stability</b>                              | EN 434                 | %                  | ≤ 0,4  | 0,3   | 0,2                           | 0,3            | 0,25           | 0,25                         | 0,30   |
| <b>Tear strength</b><br>*method B Procedure A             | ISO 34-1*              | N/mm               | ≥ 20   | 40  | 40                            | 30             | 30             | 35                           | 40   |
| <b>Cigarette heat resistance</b>                          | EN 1399                | class              | method A ≥ 4<br>method B ≥ 3                     |   |                               |                |                | method A ≥ 4<br>method B ≥ 3 |  |
| <b>Flexibility</b> (mandrel diameter 20 mm)<br>**method A | EN 435**               | -                  | no fissuring                                     |   |                               |                |                | no fissuring                 |  |
| <b>Hardness</b>   | ISO 7619               | Shore A            | ≥ 75   | 90  | 90                            | 78             | 78             | 80                           | 80   |
| <b>Residual indentation (after static loading)</b>        | EN 433                 | mm                 | ≤ 0,20<br>≤ 0,25                                 | 0,08  | -                             | -              | -              | -                            | -  |
| <b>Abrasion resistance</b><br>**method A 5 N load         | ISO 4649**             | mm <sup>3</sup>    | ≤ 250  | 150   | 150                           | 200            | 200            | 160                          | -  |
| <b>Colour fastness to artificial light</b>                | EN 20105-B02 method 3  | grade              | blue scale ≥ 6<br>grey scale ≥ 3                 |   |                               |                |                |                              | in conformity  |
| <b>Classification</b>                                     | EN 685                 | class              | -  |   |                               |                |                |                              | Bollo Extra Rolls 2,5 mm • SF: 21-23/31-32/41<br>Bollo Extra Rolls 4 mm • BP • SM: 21-23/31-34/41-43                                     |
| <b>Essential Requirements</b>                             |                        |                    |  | <b>Bollo Extra Rolls 2,5 mm</b>                   | <b>Bollo Extra Rolls 4 mm</b> | <b>BP 4 mm</b> | <b>BP 5 mm</b> | <b>SM 5 mm</b>               | <b>SF 3 mm</b>   |
| <b>Fire classification</b>                                | EN 13501-1             | classe             | -  |   |                               |                |                |                              | Bollo Extra Rolls 2,5 & 4 mm: CLASS B <sub>1</sub> -s1 with or without adhesive<br>SF: CLASS C <sub>1</sub> -s1 with or without adhesive |
| <b>Anti-slip characteristics</b>                          | DIN 51130              | grade              | -  |   |                               |                |                |                              | R9   |
| <b>Dynamic coefficient of friction</b>                    | EN 13893               | -                  | ≥ 0,3  |   |                               |                |                |                              | In conformity (DS)   |
| <b>Improvement in footfall sound absorption</b>           | ISO 140/8<br>ISO 717/2 | dB                 | -  | 8   | 14                            | 15             | 17             | 16                           | 11   |
| <b>Heat transfer resistance</b>                           | EN 12667               | m <sup>2</sup> K/W | -  | 0,0083  | 0,0133                        | 0,0133         | 0,0167         | 0,0167                       | 0,010  |
| <b>Thermal conductivity</b>                               | EN 12667               | W/mK               | -  | 0,30  | 0,30                          | 0,30           | 0,30           | 0,30                         | 0,30   |
| <b>Optional properties</b>                                |                        |                    |  | <b>Bollo Extra Rolls 2,5 mm</b>                   | <b>Bollo Extra Rolls 4 mm</b> | <b>BP 4 mm</b> | <b>BP 5 mm</b> | <b>SM 5 mm</b>               | <b>SF 3 mm</b>   |
| <b>Vertical electrical resistance (R1)</b>                | EN 1081                | Ohm                | -  |   |                               |                |                |                              | ≥ 10 <sup>10</sup>   |
| <b>Electrostatic propensity</b>                           | EN 1815                | kV                 | < 2 (antistatic)                                 |   |                               |                |                |                              | in conformity  |
| <b>Effect of stains</b>                                   | EN 423                 | -                  | -  |   |                               |                |                |                              | not affected*  |
| <b>Effect of castor chair</b>                             | EN 425                 | -                  | no surface change except dullness                | suitable with wheels type W                       | -                             | -              | -              | -                            | -  |
| <b>Effect of simulated movement of a furniture leg</b>    | EN 424                 | -                  | -  | suitable  | -                             | -              | -              | -                            | -  |

Mondo keeps the right to modify the characteristics of the products in any moment.  
\* When tested by means of detergents specifically used for rubber floorcoverings





Radiologie

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