



exterpark TECH

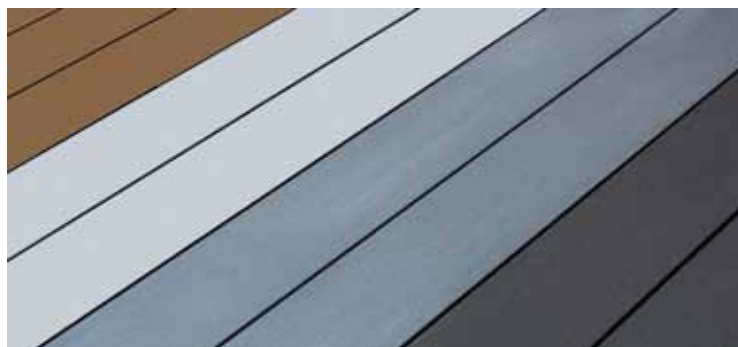
Technical Dossier



Inspired by nature. Developed by technology.

Available in 4 colours:

NIEVE
PIZARRA
ANTRACITA
TIERRA



COMMON ADVANTAGES PLUS & CLASSIC SYSTEMS

- No colour fading
- FSC Certified
- High Durability
- 4 colours : white, grey, black and brown
- Two profiles:

| | | |
|-----------|--------|----------------|
| - Plus | Solid | 22x145x2200 mm |
| - Classic | Hollow | 24x146x2200 mm |

General product description:

Brief description of the common aspects of Exterpark Tech Plus and Classic systems.

USE: advanced outdoor flooring system for use as walking surface on exterior decks, balconies, porches, façades, ceilings and walkways including stairs.

COMPOSITION: extruded thermoplastic composite utilizing polyethylene and natural wood fiber.

- 65% Wood (FSC Certified)
- 30% High Density Polyethylene (hdpl)
- 5% Chemical Additives (Colour&Anti UV)

DURABILITY: polyethylene and wood fibres are treated to resist weather effects, attack from termites, fungus decay.

TEXTURE: in 4 different colours, smooth elegant surface.

LOADING CAPACITY: Exterpark Tech are rated for a uniform live load of 500 kg/sqm.

GUARANTEE will only apply if Exterpark Tech is installed with its own accessories: clips, joists, pedestals. Joists: Exterpark Tech can be installed with Etech joists or tropical wood ones using a 3.5/25 mm or 3.5/30 mm stainless steel screw respectively.

COMPOSITION: Exterpark Tech's formula has been proved as stronger and improved flexural strength.

EXTERPARK TECH: correct installation is very important for all composite products. Euro Covering S.L. warranties the durability of Exterpark Tech for a period of 5 years granting its equilibrium humidity and temperature once installed is within the parameters expressed above, and in normal use and maintenance conditions, understanding by use to be strictly pedestrian without presence of abrasive elements. Understand and assuming it will be exposed to severe conditions, its performance can never be compared to indoor flooring.

FSC CERTIFIED: FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests in response to concerns over global deforestation. Euro Covering is a certified Chain-of-Custody fsc member entitled to buy, manufacture and sell wood species under FSC label. Our company is audited every year which is proof of the correct traceability of all our raw materials and final products. FSC certification provides a credible link between responsible production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value.

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Differentiated characters:

*Brief description of the major advantages of
EXTERPARK TECH PLUS*



PATENTED PLUS PROFILE (INVISIBLE)

- Complete system with track joists and clips
- Solid board construction and greater size
- Patented invisible system
- Smooth elegant surface
- Exclusivity

MANUFACTURING: Exterpark Tech Plus is manufactured in solid profile with invisible fastening system Plus. Extruded patented grooves are in each long side to fasten and connect boards with Etech clips and track system installation.

Invisible profile: The function of eTech track clips allow for the flooring to contract and expand and at the same time offer a solid installation with hard subjection. Track clips are installed with Track joists, this system provides a secure and fast installation scheme, as Track clips don't need to be screwed all the time.

TEXTURE: in 4 different colours, smooth elegant surface.

PACKAGING INFORMATION:

6.7 kg/board

2 boards/package

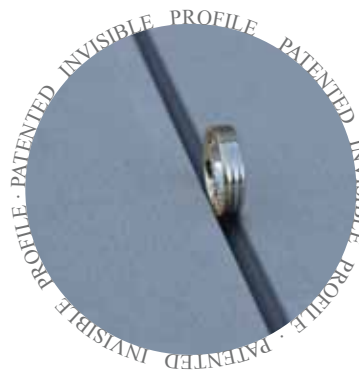
196 boards per pallet



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PATENTED PLUS PROFILE (INVISIBLE)

UNIQUE Solid profile
with invisible fastening system



Inspired by nature. Developed by technology.

Differentiated characters:

*Brief description of the major advantages of
EXTERPARK TECH CLASSIC*



CLASSIC PROFILE (HIDDEN)

- Reversible surface: smooth or grooved
- Hollow board, easier handling
- Less weight: for weight-concerned installations
- Hidden system
- Lower budget installations

MANUFACTURING: Exterpark Tech Classic is manufactured in hollow profile with hidden fastening system Classic. Extruded bevelled edges and grooves are in each long side to fasten and connect boards with Etech clips.

Hidden profile: The function of eTech clips allows for the flooring to contract and expand and at the same time offer a solid installation with hard subjection. The clip can be seen through the joints however no screwing is needed in the surfaces providing a hidden system installation.

TEXTURE: in 4 different colours, reversible surface smooth or grooved.

PACKAGING INFORMATION:

5.4 kg/board

3 boards/package

189 boards per pallet



EXTERPARK TECH

...make your selection



The mark of
responsible forestry

PLUS PATENTED INVISIBLE PROFILE - SOLID



| RANGE | COLOUR | MEASURES |
|-----------|--------|-------------|
| Nieve | white | 22x145x2200 |
| Pizarra | grey | 22x145x2200 |
| Antracita | black | 22x145x2200 |
| Tierra | brown | 22x145x2200 |

CLASSIC PROFILE - REVERSIBLE HOLLOW WITH HIDDEN FASTENING SYSTEM



| RANGE | COLOUR | MEASURES |
|-----------|--------|-------------|
| Nieve | white | 24x146x2200 |
| Pizarra | grey | 24x146x2200 |
| Antracita | black | 24x146x2200 |
| Tierra | brown | 24x146x2200 |

INSTALLATION INSTRUMENTS

Installation with tropical wood joists.

Clips ETECH PLUS



Clips ETECH CLASSIC



Wood Joists

| PRODUCT | MEASURES |
|--|----------|
| NOT BRUSHED | |
| Treated swedish pine joist for floating system | 25x36 mm |
| Treated swedish pine joist for classic and raised system | 50x38 mm |
| Treated swedish pine joist for classic and raised system | 65x38 mm |
| BRUSHED | |
| Treated and brushed swedish pine joist for floating system | 48x38 mm |
| Treated and brushedsweedish pine joist for classic and raised system | 58x23 mm |
| TROPICAL | |
| Treated tropical joist for floating system | 25x50 mm |
| Treated tropical joist for floating system | 25x63 mm |
| Treated tropical joist for floating system | 50x35mm |
| Treated tropical joist for floating system | 65x35mm |

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INSTALLATION INSTRUMENTS

PATENTED Track Installation.

Only for ETech Plus

TRACK Joist



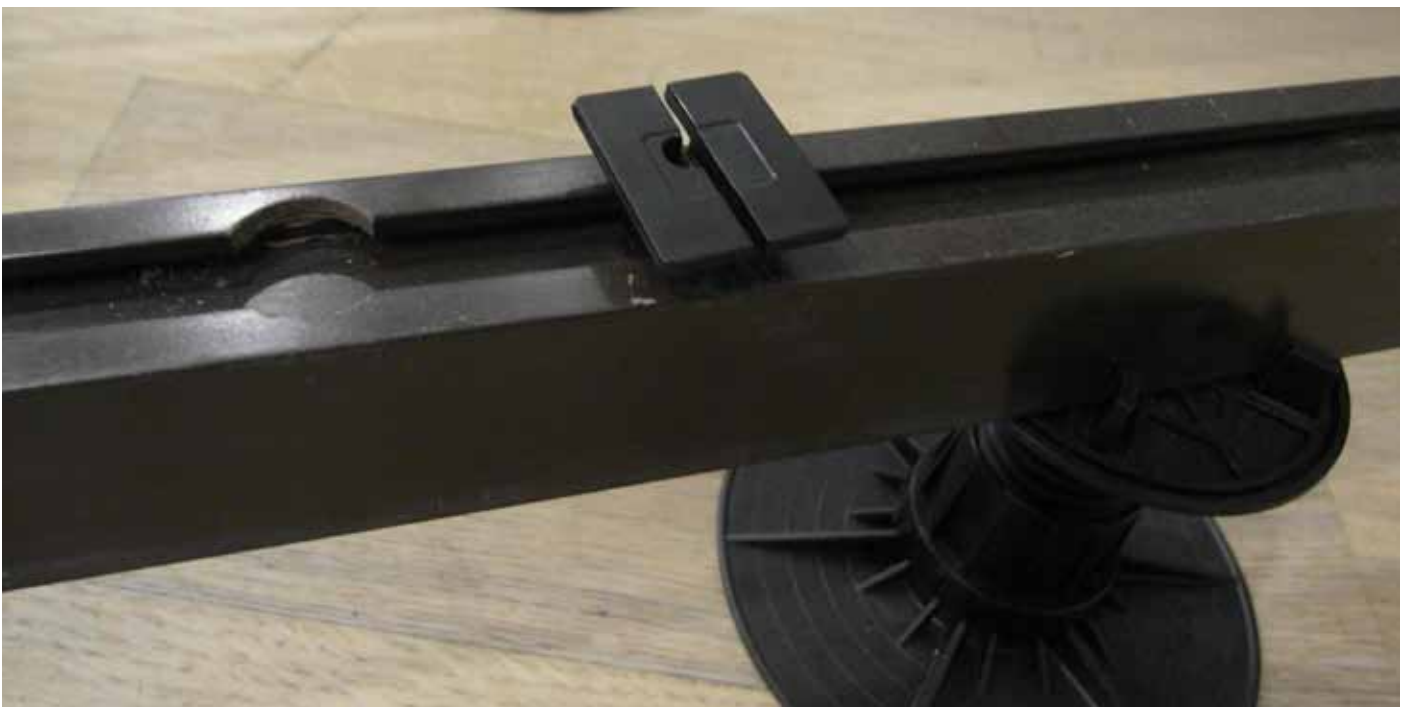
TRACK Clip



TRACK YOUR INSTALLATION

Key advantages:

- Uses only 10% amount of screws: Track system allow for screwing only one out of 10 clips.
- Double up fitting performance: we estimate 40 sqm of fitting per day and installer versus 20 sqm of conventional deck fitting.



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Height-Adjustable pedestal for raised installations

-exterpark PEDESTAL

| PRODUCT | HEIGHT ADJUSTABLE |
|------------------------------------|-------------------|
| Choco-10 pedestal (non adjustable) | |
| Exterpark pedestal 5/7 | 50 to 70 mm |
| Exterpark pedestal 7/10 | 70 to 100 mm |
| Exterpark pedestal 10/13 | 100 to 135 mm |
| Exterpark pedestal 13/17 | 135 to 170 mm |
| Exterpark pedestal 17/19 | 170 to 190 mm |
| Exterpark pedestal 19/22 | 190 to 225 mm |
| Exterpark pedestal 22/26 | 225 to 260 mm |
| Exterpark pedestal 26/28 | 260 to 280 mm |
| Exterpark pedestal 28/31 | 280 to 310 mm |
| Exterpark pedestal 31/35 | 310 to 350 mm |
| Exterpark pedestal 35/38 | 350 to 380 mm |
| Exterpark pedestal 38/41 | 380 to 410 mm |



-exterpark PEDESTALL

| PRODUCT | HEIGHT ADJUSTABLE |
|---------------------------|-------------------|
| Exterpark pedesTALL 6/10 | 65 to 100 mm |
| Exterpark pedesTALL 10/13 | 100 to 130 mm |
| Exterpark pedesTALL 13/22 | 130 to 220 mm |
| Exterpark pedesTALL 22/31 | 220 to 310 mm |
| Exterpark pedesTALL 31/40 | 310 to 400 mm |
| Exterpark pedesTALL 40/49 | 400 to 490 mm |
| Exterpark pedesTALL 49/58 | 490 to 590 mm |
| Exterpark pedesTALL 58/69 | 590 to 670 mm |



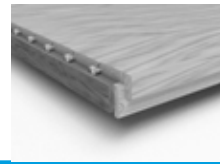
SPECIAL FINISHINGS - TOUCH AND BESPOKE

L-SHAPED BOARD



| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 46 | 95 |
| White | SOLID/HOLLOW | 46 | 95 |

SKIRTING BOARD



| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 23 | 70 |
| White | SOLID/HOLLOW | 23 | 70 |

SKIRTING BOARD

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 10 | 70 |
| White | SOLID/HOLLOW | 10 | 70 |

L-SHAPED BOARD CURVED



| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 46 | 95 |
| White | SOLID/HOLLOW | 46 | 95 |

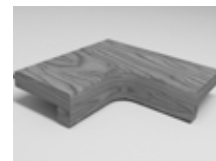
SKIRTING BOARD CURVED

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 23 | 70 |
| White | SOLID/HOLLOW | 23 | 70 |

SPECIAL FINISHINGS - TOUCH AND BESPOKE

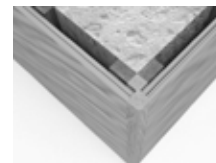
SKIRTING BOARD CURVED

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 10 | 70 |
| White | SOLID/HOLLOW | 10 | 70 |



1/4 CIRCUMFERENCE

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 46 | 95 |
| White | SOLID/HOLLOW | 46 | 95 |



CORNER SKIRTING BOARD

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 23 | 70 |
| White | SOLID/HOLLOW | 23 | 70 |

CORNER SKIRTING BOARD

| COLOUR | PROFILE | THICKNESS | WIDTH |
|--------------------|--------------|-----------|-------|
| Grey, black, brown | SOLID/HOLLOW | 10 | 70 |
| White | SOLID/HOLLOW | 10 | 70 |

CONSUMPTION OF ACCESSORIES FOR SQM EXTERPARK TECH

| ETECH | DECK BOARD SIZE | DISTANCE BETWEEN JOISTS | JOISTS | CLIPS & SCREWS | PEDESTAL |
|------------------------|-----------------|----------------------------|--------|----------------|----------|
| | Size | cm | lm | (units) | (units) |
| Plus/Private use | 22x145 mm | 36,66 | 3,0 | 20 | 7 |
| Plus/Commercial use | 22x145 mm | 31,42 | 3,5 | 25 | 8 |
| Classic/Private use | 24x146 mm | 36,66 | 3,0 | 19 | 7 |
| Classic/Commercial use | 24x146 mm | 31,42 | 3,50 | 23 | 8 |

EXTERPARK TECH SELAR



-exterpark**TECH** sealer



Anti stain treatment sealer



PRODUCT

Exterpark Tech Sealer

PACKAGING

1 LT(*)

(*) Also available in 5 LT bottles

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INTRODUCTION TO INSTALLATION GUIDE FOR EXTERPARK TECH

Introduction

The presentation of these rules is made in order to guide our customers, orienting them about the fundamental aspects of a correct installation.

Most of our customers are already familiarised with the installation of wood floors for outdoors such as Exterpark, and Exterpark Tech shares many of the basic concepts of it. Nevertheless, the different composition between one and another reverts into a different performance outdoors and different hydrothermal variations. It is fundamental to know these differences when installing.

- We can consider the wood (Exterpark) as natural wood fibre planks; its dimensional variations when adapting to the changes and the environmental conditions will be less dramatic longitudinally vs. transversally.
- In practice, when using wood planks, it means that the changes will be mainly observable in the width of the plank rather than in the length of it.
- Exterpark Tech is composed by HDPL and natural vegetable fibres, its performance is homogeneous, meaning that the variations that take place will affect equivalently in all directions.
- In practice, it is important to know that apart from the transversal expansion gap, the installer should also pay special attention to leaving a longitudinal gap (space between the short ends).

Further to the above, the essential aspects of the installation and the incorrect practices will be described bellow, with the goal to have an optimum installation at the minimum cost possible.

I. SUPPORTS

II. JOISTS

III. INSTALLING EXTERPARK TECH

IV. MAINTENANCE

I. SUPPORTS

It is the base in which the installation of Exterpark Tech takes place. It must comply with the following aspects:

- A. Consistency and regularity, in order to sustain the installation.
- B. Capacity of water evacuation that will drain through Exterpark Tech's gaps.

The most common is to forecast a layer of concrete, preferably consisting of a net and impermeable surface; with small level differences that will conduct water to training pipes or to other structures that will absorb the water.

In case the underfloor was not impermeable in the surface, and the distance between Exterpark Tech and the underfloor was less than 15-20cm, it is recommended to use a polyethylene film, gauge 0.6mm and overlapping 20 cm for one another, this will be fixed with the pedestals and the joists later in the installation.

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With this system the installer will ensure that the surface is prepared for the installation, will drain the water correctly, and at the same time if the underfloor is not compact, the emission of water vapour that will create high levels of humidity under the flooring will be avoided.

Note:

- Porous underfloors: not recommended to work directly on sand or soil, even if it is compact. It is extremely porous and after periods of heavy rain the water bellow will not drain correctly. In this case the polyethylene film will not be a suitable solution.
- When installing in swimming pools, the water should drain to the opposite direction of the swimming pool, as a simple matter of hygiene.

II. JOISTS

The joists constitute the main structure in which the Exterpark Tech will be installed; it will equilibrate and support the weight.

Although it is the invisible part of an installation, it is the process in which the installer should pay more attention; if this process is not done correctly it will revert into future problems with the rest of the installation.

Requirements

- Rigorous levelling
- Respect always the distances, it will be determined by the length of the planks (2200mm)
- Private use: distance between joists 36,66 cm (2,20 : 6)
- Commercial use: distance between joists 31,43 cm (2,20 : 7)

Installation with Tropical wood joists 38x50 or Exterpark Track Joists.

Joists will be fixed to the underfloor with pedestals or other type of supports. Pedestals will be placed every 40 cm lengthwise, conferring additional stability to the whole installation.

It is recommended that the height of the installation is not less than 15 cm; in all the cases good ventilation under Exterpark Tech should be priority.



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With this system the installer will ensure that the surface is prepared for the installation, will drain the water correctly, and at the same time if the underfloor is not compact, the emission of water vapour that will create high levels of humidity under the flooring will be avoided.

III. EXTERPARK TECH INSTALLATION

When having the joists in perfect conditions, installer will now be able to proceed with the placing of the Exterpark Tech planks. Exterpark Tech doesn't splint due to changes in the weather, and the colour will only decrease smoothly due to UV Rays and the vegetable fibre of the composition, this phenomenon will take place only at the beginning of the installation, it will remain stable thereafter.

Installation criteria.

EXTERPARK TECH will be installed by complete lines. Since it is supplied in fixed lengths, installer will have to decide what is preferred by customer: all joints in the same place or arbitrary, same distance every different line etc.

Nevertheless it is obligatory for short ends to always be supported by a joist, fixing them with the corresponding clip and respecting the distance between them, at least the same distance that installer will have between the laterals of the planks that is marked by the clip.

First line of the installation will be fixed with elastomer polyurethane mass (or screwing it to the joist from the bottom of the plank), proceed with the rest of the installation with Exterpark Tech clips until the installation is finished. The last row will be also fixed with elastomer.

To allow for exterpark TECH to move, make sure to leave a joint of at least 3mm/lm (width and length) Another way to create the necessary spacing would be to place transversal board at least every 2 lengthwise boards.

IV. MAINTENANCE

Exterpark Tech doesn't need maintenance. Euro Covering S.L. recommends Exterpark Tech Sealer for an easier cleaning.

Cleaning: it is recommended to immediately clean grease, wine, coffee etc. Most of the stains will disappear with use of water and smooth soap. For the more resistant stains it is recommended to use pressure water (Kärcher or similar) and soap.

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Although the exterpark range is present in more than 50 countries world wide, Exterpark Tech is starting it's new adventure around the world. Exterpark R&D created exterpark Tech to push the so-called outdoor flooring systems forward towards technological floors and coverings.

Bellow are some of the main reference projects so far, changing day by day.

WORLD PROJECTS

- **Corona headquarters. (Mexico DF)**

1300m2 Exterpark Tech Plus antracita.

- **Hotel Mirror. (Barcelona, Spain)**

150m2 Exterpark Tech Classic antracita.

- **Hotel Zante. (Zakynthos island, Greece)**

700m2 Exterpark Tech Plus Nieve.

- **02 Shopping Centre. (Madrid, Spain)**

Exterpark Tech Plus Tierra.

- **More than 50.000 sqm in Private projects in Spain, Netherlands, Japan, Finland,
Qatar, Russia, Italy, Slovakia, UK, Romania, Cyprus, Lithuania, Poland**

... and many more coming



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MARKETING ITEMS

ARCHITECT SAMPLE BOX:



LABELS:



DISPLAY:

(INCLUDED IN EXTERPARK DISPLAY)



BROCHURES:



(INCLUDED IN EXTERPARK BROCHURE)



EXTERPARK TECH BOOK

PANNELS:

exterpark

TECH

TIERRA

PIZARRA

NIEVE

ANTRACITA

Exterpark Tech is available in:

- Solid profile with patented invisible system
- Hollow one with hidden fastening system

Available in 4 colours
Plank size 22x144x2200mm

Advantages :

- Solid board construction
- Greater size
- Patented invisible profile
- Smooth elegant surface
- Maintenance - Free
- Complete system with track joists and clips

euroCOVERING

TECHNICAL APPENDIX

EXTERPARK TECH

Technical Specification



V. PHYSICAL PROPERTIES

| Properties | Value | Standard |
|--|---|------------------|
| Modulus of Elasticity (Flexural) | 38.2 Mpa | ASTM D790-07 |
| Hardness | 7144 N | ASTM D1037-06A |
| Tensile strength | 21.6 Mpa | ASTM E638-03 |
| Slip Resistance | 33 | AS/NZS 4586:2004 |
| Water Absorption | ~2.0% | |
| Density of Material | 1.39g/cm3 | ASTM D6111-03 |
| Coefficient of Thermal Expansion | ~0.0000114m/m °C | ASTM E228-06 |
| Resistance to high-low temperature cycles | ~0.5 mm | |
| Exposure to lighth and weathering | ----- | ASTM D6662-09 |
| Resistance of deterioration of the organism by fungi | ~24% | |
| Aging | >80% | |
| Abrasion Resistance for Coated and Uncoated Flooring | ~0.15 g | |
| Formaldehyde Emission | <1.5 mg/L | |
| System structure | Supported by heavy duty Exterpark Tech Joist and Pedestal | |

Note: All values in the Technical Appendix that follows are to be used as a reference. There are numerous factors that can influence the transformation of the above, hence it is recommended that installer or distributor does independent tests if necessary. Euro Covering S.L. will not accept any juridic/legal derivations upon certain properties or specific installations.



Fire resistance

Fire classification

C (fl) - S1

EN 13501-1:2007

Fire classification of construction of products and building elements – Part 1: Classification using data from reaction to fire tests conducted as per EN 13501-1:2007 And tests methods as following:

- a) EN ISO 9239-1:2002 Reaction to fire tests for flooring – Part 1: Determination of the burning behaviour using a radiant heat source.
- b) EN ISO 11925-2:2002 Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame – Part 2: Single-flame source test.

Test Results:

| Test method | Parameter | Number of tests | Results |
|---------------|-----------------------|-----------------|---------|
| EN ISO 9239-1 | Critical flux (kW/m2) | 3 | 7.8 |
| | Smoke (%xminutes) | 3 | |

EN ISO 11925-2





DECLARATION OF CONFORMITY

Rambla Solanes 38/40
08940 Cornellà de Llobregat
Barcelona - Spain

Declare under sole responsibility that the product:

-exterparkTECH

Is in conformity with the following standards:



EN 13329:2000
EN 13986:2004

We hereby confirm that the Technical Building and Manufacturing Code,
Inspection and Testing processes for above mentioned equipment
comply with the essential Safety Requirements of Building Products
Directive 89/106/EEC Applied Codes and Standards.

Exterpark TECH Plus & Classic Pizarra (GREY)

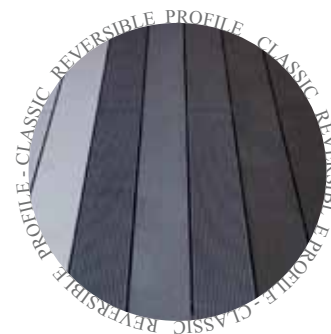


Exterpark Tech System

All the components for the manufacturing of Exterpark Tech have been carefully selected to provide the best performance outdoors when interacting with temperature and humidity levels. Always follow installation guidelines.

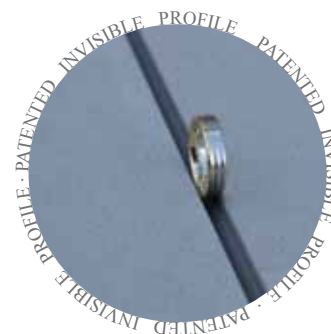
Exterpark Classic

In 1995 Exterpark launches and patents the very first worldwide hidden fastening system which holds and connects boards with stainless steel clips and leaves the surface untouched for an improved look, greater safety and longer durability due to absence of holes. Rounded edges allow for pleasant and comfortable barefoot walk. Now adapted to Exterpark TECH Classic system



Exterpark Plus

The ultimate evolution of outdoor floor. An evolution of our hidden Classic system into invisible Plus system. Worldwide patented in 2004 was the **first exterior wooden floor with the looks and comfort of an indoor hardwood floor**. The new plus profile hides the substructure underneath featuring a more elegant and slick look enhanced by the 1,5mm bevelled edges. Water drains perfectly through 4mm gap while maintenance and cleaning becomes easier. Now adapted to Exterpark TECH Plus system.



ADVANTAGES OF USE

| | |
|-------------------|---|
| Advantages of Use | Contemporary Finish |
| | 100% recyclable, eco-friendly |
| | 4 different colours |
| | Barefoot friendly |
| | Requires reduced maintenance (View Exterpark TECH Sealer) |
| | All-weather resistant |
| | Easy installation and cleaning |
| | Termites, insects-proof |

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PHYSICAL AND MECHANICAL CHARACTERISTICS

Sizes, Profile and Board format

| SYSTEM | BOARD SIZES | BOARD FORMAT |
|---------|----------------------------|--------------|
| Plus | 22x145x2200 (fixed length) | Solid |
| Classic | 24x146x2200 (fixed length) | Hollow |

| Composition | % | Description | Observations |
|-------------|-----|---------------------------|------------------------|
| | 65% | Wood | Tropical FSC Certified |
| | 30% | High Density Polyethylene | HDPL |
| | 5% | Chemical Additives | Colour & Anti UV |

| Colour and Texture | SYSTEM | TEXTURE | COLOUR | COLOUR LOSS AFTER INSTALLATION |
|--------------------|---------|----------------|---------|--------------------------------|
| | Plus | Smooth | Pizarra | ---- (Not Relevant) |
| | Classic | Smooth/Grooved | Pizarra | ---- (Not Relevant) |

| | |
|------------------|------------|
| Loading capacity | 500 kg/sqm |
|------------------|------------|

| System accessories | SYSTEM | CLIP | TYPE OF JOIST |
|--------------------|---------|--------------------|------------------------------------|
| | Plus | Clip Track Clip | Tropical Wood Joist Track joist |
| | Classic | T Clip | Tropical Wood Joist |

Consumption of Accessories

| ETECH | DECK BOARD SIZE | DISTANCE BETWEEN JOISTS | JOISTS | CLIPS & SCREWS | PEDESTAL |
|------------------------|-----------------|-------------------------|--------|----------------|----------|
| | Size | cm | lm | (units) | (units) |
| Plus/Private use | 22x145 mm | 36,66 | 3,0 | 20 | 7 |
| Plus/Commercial use | 22x145 mm | 31,42 | 3,5 | 25 | 8 |
| Classic/Private use | 24x146 mm | 36,66 | 3,0 | 19 | 7 |
| Classic/Commercial use | 24x146 mm | 31,42 | 3,50 | 23 | 8 |

| Packaging information: | PLUS | CLASSIC |
|------------------------|-----------------------|-----------------------|
| | 6.7 kg/board | 5.4 kg/board |
| | 2 boards/package | 3 boards/package |
| | 196 boards per pallet | 189 boards per pallet |



Exterpark TECH Plus & Classic Antracita (BLACK)

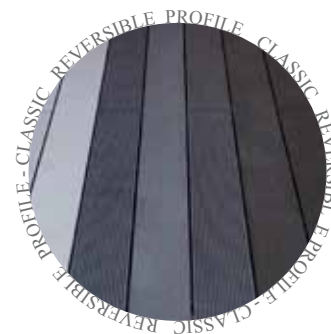


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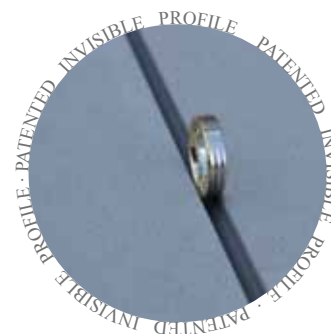
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ADVANTAGES OF USE

| | |
|-------------------|---|
| Advantages of Use | Contemporary Finish |
| | 100% recyclable, eco-friendly |
| | 4 different colours |
| | Barefoot friendly |
| | Requires reduced maintenance (View Exterpark TECH Sealer) |
| | All-weather resistant |
| | Easy installation and cleaning |
| | Termites, insects-proof |

FSC CERTIFIED: FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests in response to concerns over global deforestation. Euro Covering is a certified Chain-of-Custody fsc member entitled to buy, manufacture and sell wood species under FSC label. Our company is audited every year which is proof of the correct traceability of all our raw materials and final products. FSC certification provides a credible link between responsible production and consumption of forest products, enabling consumers and businesses to make purchasing decisions that benefit people and the environment as well as providing ongoing business value.



PHYSICAL AND MECHANICAL CHARACTERISTICS

Sizes, Profile and Board format

| SYSTEM | BOARD SIZES | BOARD FORMAT |
|---------|----------------------------|--------------|
| Plus | 22x145x2200 (fixed length) | Solid |
| Classic | 24x146x2200 (fixed length) | Hollow |

Composition

| % | Description | Observations |
|-----|---------------------------|------------------------|
| 65% | Wood | Tropical FSC Certified |
| 30% | High Density Polyethylene | HDPL |
| 5% | Chemical Additives | Colour & Anti UV |

Colour and Texture

| SYSTEM | TEXTURE | COLOUR | COLOUR LOSS AFTER INSTALLATION |
|---------|----------------|-----------|--------------------------------|
| Plus | Smooth | Antracita | ---- (Not Relevant) |
| Classic | Smooth/Grooved | Antracita | ---- (Not Relevant) |

Loading capacity

500 kg/sqm

System accessories

| SYSTEM | CLIP | TYPE OF JOIST |
|---------|--------------------|------------------------------------|
| Plus | Clip Track Clip | Tropical Wood Joist Track joist |
| Classic | T Clip | Tropical Wood Joist |

Consumption of Accessories

| ETECH | DECK BOARD SIZE | DISTANCE BETWEEN JOISTS | JOISTS | CLIPS & SCREWS | PEDESTAL |
|------------------------|-----------------|-------------------------|--------|----------------|----------|
| | Size | cm | lm | (units) | (units) |
| Plus/Private use | 22x145 mm | 36,66 | 3,0 | 20 | 7 |
| Plus/Commercial use | 22x145 mm | 31,42 | 3,5 | 25 | 8 |
| Classic/Private use | 24x146 mm | 36,66 | 3,0 | 19 | 7 |
| Classic/Commercial use | 24x146 mm | 31,42 | 3,50 | 23 | 8 |

Packaging Information:

| PLUS | CLASSIC |
|-----------------------|-----------------------|
| 6.7 kg/board | 5.4 kg/board |
| 2 boards/package | 3 boards/package |
| 196 boards per pallet | 189 boards per pallet |



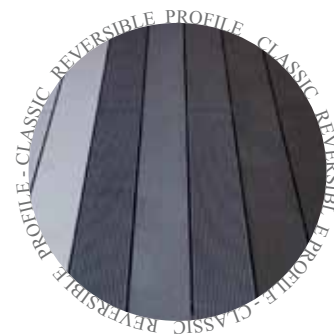
Exterpark Plus & Classic Nieve (WHITE)

Exterpark Tech System

All the components for the manufacturing of Exterpark Tech have been carefully selected to provide the best performance outdoors when interacting with temperature and humidity levels. Always follow installation guidelines.

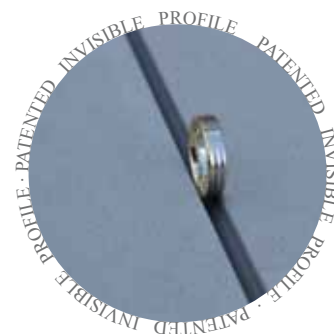
Exterpark Classic

In 1995 Exterpark launches and patents the very first worldwide hidden fastening system which holds and connects boards with stainless steel clips and leaves the surface untouched for an improved look, greater safety and longer durability due to absence of holes. Rounded edges allow for pleasant and comfortable barefoot walk. Now adapted to Exterpark TECH Classic system



Exterpark Plus

The ultimate evolution of outdoor floor. An evolution of our hidden Classic system into invisible Plus system. Worldwide patented in 2004 was the **first exterior wooden floor with the looks and comfort of an indoor hardwood floor**. The new plus profile hides the substructure underneath featuring a more elegant and slick look enhanced by the 1,5mm bevelled edges. Water drains perfectly through 4mm gap while maintenance and cleaning becomes easier. Now adapted to Exterpark TECH Plus system.



ADVANTAGES OF USE

| | |
|-------------------|---|
| Advantages of Use | Contemporary Finish |
| | 100% recyclable, eco-friendly |
| | 4 different colours |
| | Barefoot friendly |
| | Requires reduced maintenance (View Exterpark TECH Sealer) |
| | All-weather resistant |
| | Easy installation and cleaning |
| | Termites, insects-proof |

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PHYSICAL AND MECHANICAL CHARACTERISTICS

Sizes, Profile and Board format

| SYSTEM | BOARD SIZES | BOARD FORMAT |
|---------|----------------------------|--------------|
| Plus | 22x145x2200 (fixed length) | Solid |
| Classic | 24x146x2200 (fixed length) | Hollow |

Composition

| % | Description | Observations |
|-----|---------------------------|------------------------|
| 65% | Wood | Tropical FSC Certified |
| 30% | High Density Polyethylene | HDPL |
| 5% | Chemical Additives | Colour & Anti UV |

Colour and Texture

| SYSTEM | TEXTURE | COLOUR | COLOUR LOSS AFTER INSTALLATION |
|---------|----------------|--------|--------------------------------|
| Plus | Smooth | Nieve | ---- (Not Relevant) |
| Classic | Smooth/Grooved | Nieve | ---- (Not Relevant) |

Loading capacity

500 kg/sqm

System accessories

| SYSTEM | CLIP | TYPE OF JOIST |
|---------|--------------------|------------------------------------|
| Plus | Clip Track Clip | Tropical Wood Joist Track joist |
| Classic | T Clip | Tropical Wood Joist |

Consumption of Accessories

| ETECH | DECK BOARD SIZE | DISTANCE BETWEEN JOISTS | JOISTS | CLIPS & SCREWS | PEDESTAL |
|------------------------|-----------------|-------------------------|--------|----------------|----------|
| | Size | cm | lm | (units) | (units) |
| Plus/Private use | 22x145 mm | 36,66 | 3,0 | 20 | 7 |
| Plus/Commercial use | 22x145 mm | 31,42 | 3,5 | 25 | 8 |
| Classic/Private use | 24x146 mm | 36,66 | 3,0 | 19 | 7 |
| Classic/Commercial use | 24x146 mm | 31,42 | 3,50 | 23 | 8 |

Packaging information:

| PLUS | CLASSIC |
|-----------------------|-----------------------|
| 6.7 kg/board | 5.4 kg/board |
| 2 boards/package | 3 boards/package |
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Exterpark Plus & Classic Tierra (BROWN)

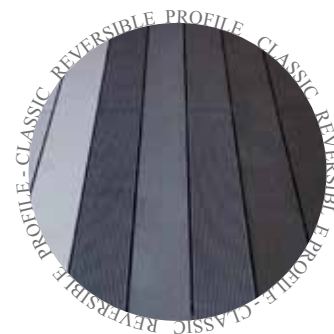
exterpark**TECH**

Exterpark Tech System

All the components for the manufacturing of Exterpark Tech have been carefully selected to provide the best performance outdoors when interacting with temperature and humidity levels. Always follow installation guidelines.

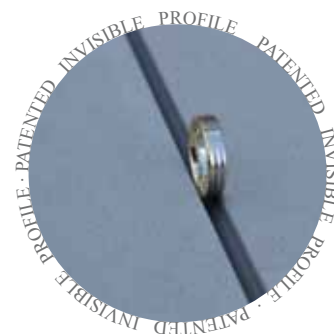
Exterpark Classic

In 1995 Exterpark launches and patents the very first worldwide hidden fastening system which holds and connects boards with stainless steel clips and leaves the surface untouched for an improved look, greater safety and longer durability due to absence of holes. Rounded edges allow for pleasant and comfortable barefoot walk. Now adapted to Exterpark TECH Classic system



Exterpark Plus

The ultimate evolution of outdoor floor. An evolution of our hidden Classic system into invisible Plus system. Worldwide patented in 2004 was the **first exterior wooden floor with the looks and comfort of an indoor hardwood floor**. The new plus profile hides the substructure underneath featuring a more elegant and slick look enhanced by the 1,5mm bevelled edges. Water drains perfectly through 4mm gap while maintenance and cleaning becomes easier. Now adapted to Exterpark TECH Plus system.



ADVANTAGES OF USE

| | |
|-------------------|---|
| Advantages of Use | Contemporary Finish |
| | 100% recyclable, eco-friendly |
| | 4 different colours |
| | Barefoot friendly |
| | Requires reduced maintenance (View Exterpark TECH Sealer) |
| | All-weather resistant |
| | Easy installation and cleaning |
| | Termites, insects-proof |

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PHYSICAL AND MECHANICAL CHARACTERISTICS

Sizes, Profile and Board format

| SYSTEM | BOARD SIZES | BOARD FORMAT |
|---------|----------------------------|--------------|
| Plus | 22x145x2200 (fixed length) | Solid |
| Classic | 24x146x2200 (fixed length) | Hollow |

| Composition | % | Description | Observations |
|-------------|-----|---------------------------|------------------------|
| | 65% | Wood | Tropical FSC Certified |
| | 30% | High Density Polyethylene | HDPL |
| | 5% | Chemical Additives | Colour & Anti UV |

| Colour and Texture | SYSTEM | TEXTURE | COLOUR | COLOUR LOSS AFTER INSTALLATION |
|--------------------|---------|----------------|--------|--------------------------------|
| | Plus | Smooth | Tierra | ---- (Not Relevant) |
| | Classic | Smooth/Grooved | Tierra | ---- (Not Relevant) |

| | |
|------------------|------------|
| Loading capacity | 500 kg/sqm |
|------------------|------------|

| System accessories | SYSTEM | CLIP | TYPE OF JOIST |
|--------------------|---------|--------------------|------------------------------------|
| | Plus | Clip Track Clip | Tropical Wood Joist Track joist |
| | Classic | T Clip | Tropical Wood Joist |

Consumption of Accessories

| ETECH | DECK BOARD SIZE | DISTANCE BETWEEN JOISTS | JOISTS | CLIPS & SCREWS | PEDESTAL |
|------------------------|-----------------|-------------------------|--------|----------------|----------|
| | Size | cm | lm | (units) | (units) |
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| Classic/Private use | 24x146 mm | 36,66 | 3,0 | 19 | 7 |
| Classic/Commercial use | 24x146 mm | 31,42 | 3,50 | 23 | 8 |

| Packaging Information: | PLUS | CLASSIC |
|------------------------|-----------------------|-----------------------|
| | 6.7 kg/board | 5.4 kg/board |
| | 2 boards/package | 3 boards/package |
| | 196 boards per pallet | 189 boards per pallet |



**Composition: Poliamide 6 + Elastomer**

| Properties | Units | Method | Values |
|--------------------------------|--------------------|----------------------|----------------------|
| Mechanical | | | |
| Traction Resistance | N/mm ² | DIN-ISO 53455-527 | sec 60 est -- |
| Lengthening Breaking Point | % | 53455-527 | sec ≤50 est ≤50 |
| E Module (Traction) | N/mm ² | 53457-527 | sec 2500 est 1100 |
| Bending Resistance | N/mm ² | 53452-178 | sec -- est -- |
| Impact -Charpy- (+ 23°C) | Kj/m ² | 53453-179 | sec N.R. |
| Impact to Cut -Charpy- (+23°C) | Kj/m ² | 53453-179 | sec 12 |
| Electrical | | | |
| Dielectric Constant | - | IEC 60250 | sec 3,1 est 3,6 |
| Dissipation Constant (1 MHz) | E-4 | 0303T21-IEC 243 | sec 160 est 700 |
| Electrical Derivations | CTI... CTI...M | 0303T1-IEC 112 | CTI 600 CTI 600 M |
| Thermal | | | |
| Fussion Temperature | °C | DSC Method | 220 |
| Deformation Temperature | | | |
| HDT - Met. A (1,8 MPa) | °C | 53461-75 | sec ≤50 |
| HDT - Met. B (0,45 MPa) | °C | | sec ≤190 |
| General | | | |
| Density | g/cm ³ | 53461-1183 | 1,11±0,02 |
| No. Viscosity | cm ³ /g | DIN ISO 307 | 120-165 |
| Inflammability | Class | UL94-IEC 707 | HB |

EXTERPARK TECH SEALER

Properties and Application



EXTERPARK TECH SEALER Will improve the performance of our Exterpark Tech. Anti Stain sealer to prevent Exterpark Tech from being stained by household products and dust or water marks.

- Very easy and fast to apply
- Low cost: 1 liter covers 30m²
- Available in 1 and 5 liter bottles.

EXTERPARK TECH SEALER Is a single component water based primer for protecting surfaces such as Exterpark Tech or WPC installed.

A) Properties:

- Elastic product that adapts to expansions and contractions caused by changes in temperature without cracking.
- Good lightfastness.
- Water repellent.
- Prevents stains and dirt embedding .

B) Application procedure

- Before application surface must be dry and free of wax, dust and grease. For a perfect finish, it is recommended to not to apply if temperatures are below 12°C and humidity above 75%
- Application methods: with a smooth roller, brush in grooved surfaces or spray.
- The number of coats to be applied will depend on the strength required and the surface to be varnished.
- Surfaces with high plastic component and low porosity (% of wood below 40%) it is recommended to apply a single layer, while in surfaces with higher percentage of wood and higher porosity (above 40%) it is recommended to apply minimum two coats. In any case, we recommend to test adhesion in a small surface.
- After applying the product, can be walked on after 24 hrs, being advisable to prevent stains in the first 48-72 hours, time for the product to develop its entire properties.
- For cleaning, don't use harsh cleaners, clean with water and neutral pH soap.
- When the product is applied outdoor, periodic maintenance is necessary, nevertheless reapplication period will depend on weather conditions in the area.

Always shake before using.

EXTERPARK TECH SEALER

Properties and Application



EXTERPARK TECH SEALER is specially recommended in order to protect Exterpark Tech or technological flooring, as these are usually installed outdoors and under constant climate adversities, abrasion, stains etc.

Packaging:

Available in 1 and 5 LT bottles



EXTERPARK TECH SEALER

Technical Specification



Technical Data Sheet

Physical

| | |
|----------------------|---|
| Appearance | Milky white liquid |
| Viscosity Ford-4 cup | 10-12 seconds (20°C) |
| Solid content | 16-18 % |
| Density | 1.01 - 1.03 |
| Coverage | up to 30 sqm per liter (Exterpark Tech) |
| Recommended weight | 50-80 g/sqm |
| Durability | Exterpark Tech or WPC floor installed: 3-6 months (depending on surface wear) Exterpark Tech or WPC for furniture: 6-12 months (depending on intensity of use) |

Storage

Keep in cool place
Avoid cold or excessive heat
Keep away from direct sunlight
Shake before using
Expiry period upon opening of package: 1 year

Recommendations

| | |
|--------------------------|--|
| Security recommendations | <ul style="list-style-type: none">- Always apply in ventilated areas- If product comes into eyes, rinse with generous amount of water and visit the optometrist.- If products comes in contact with skin, wash it off carefully with soap and water.- In case of respiratory irritation or swallowed, contact doctor.- For further security specifications please check security data sheet. |
|--------------------------|--|

Observations

Exterpark Tech Sealer complies with Standard 2004/42/CE (RD.227/2006) on the limitation of emissions of volatile organic compounds due to the use of organic solvents.

UN Number

3082
Class 9, packaging group III

The information of this technical data sheet is based on a 20°C temperature and 65% of relative air humidity room condition. This information corresponds to our experience and is offered only as a guide. We are not responsible of the final result of the application, but we are responsible for the physical-chemical characteristics of the data.

EXTERPARK TECH SEALER

Stain test demonstration



STAIN TESTS:

The purpose of this test is to demonstrate the stain resistance of Exterpark Tech.

Sample used for this objective is WPC flooring with 50% wood as to demonstrate the average stain resistance. (Installer / Professional must do their own additional reports if considered necessary)

The pictures bellow show a sample without protection on the left, and a sample protected with Exterpark Tech Sealer on the right.

Method:

- a) Staining of the technological floor with common stain elements (i.e. Red Wine, Oil, Cheese, Milk, Ketchup)
- b) Cleaning of the surface with water and neutral pH soap
- c) Comparison of the two samples for conclusion

SAMPLE SET:



Without protection

With Exterpark Tech Sealer

STAINING OF THE SAMPLES:



Red Wine
Milk

Oil

Cheese
Ketchup

same stains
application after 0 hours

EXTERPARK TECH SEALER

Stain test demonstration



CLEANING OF SURFACE:



Cleaning of area without protection after 24 hrs



Cleaning of area with Exterpark Tech Sealer after 24 hrs

CONCLUSIONS:



Concluding results: Final comparison

Sample with no treatment shows stains and grease, although these have been cleaned, no suitable results are obtained.

Sample with Exterpark Tech Sealer treatment shows a uniform clean surface free of stains and homogeneous colour.

BONA FRESHEN UP

Making Exterpark Tech Antislip



Technical Data Sheet

- Suitable for both residential and commercial locations.
- Based on polyurethane = superb protective qualities.
- Contains no waxes.
- Allows future applications of finish, using the Prep System.
- Meets DIN 18 032 for slip resistance.

Report on test results to meet DIN 18 032

| Trial number | Slide-resistance coefficient |
|--------------|------------------------------|
| 1 | 0.42 |
| 2 | 0.41 |
| 3 | 0.40 |
| 4 | 0.43 |
| 5 | 0.42 |

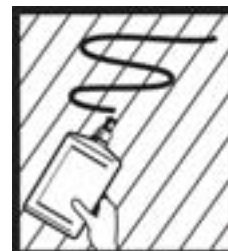
Requested requirements for DIN comprehens values from 0.4 to 0.6.

Application procedures

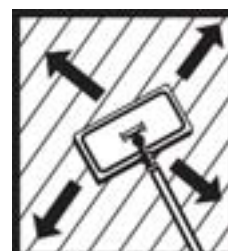
Remove loose dirt and grit from your floor. Clean floor thoroughly with soap. Repeat to ensure that dirt will not be trapped in the coating. Make sure the floor is completely dry before applying Freshen Up.



Rock container back & forth several times before opening. Apply Freshen Up with the Bona Microfiber applicator pad. Prepare the applicator pad by slightly dampening it with water. Apply Freshen Up in a 3-4 cm wide wavy line on the floor. Work on a small section at a time, about 3 m²



Spread Freshen Up over entire small section making sure all wood is covered. Freshen Up should be applied at 30-50 m² per litre. For best results, apply a thin consistent coat. Keep airborne dust and airflow to a minimum while floor is wet.



BONA FRESHEN UP

Making Exterpark Tech Antislip

Smooth out Freshen Up, going with the grain of the wood. Continue the process until the entire floor is coated. Allow to dry a minimum of 2 hours before walking on coated floors. If needed, a second coat may be applied after this time. Always coat the entire floor to ensure an even appearance and sheen.

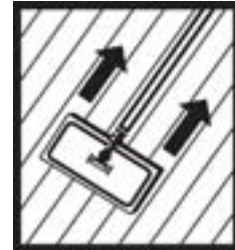
Note: Avoid heavy traffic and items in contact with surface for 24 hours after the final coat. Clean tools with soap and water.

Precautions

Applying Freshen Up to a matt surface will smoothly increase the gloss level. Always test floors for appearance and adhesion in an inconspicuous area before use.

Packaging:

Available in 1 and 5 LT bottles



www.exteriordecking.co.uk



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