

# EXPONA®

## DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

# DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

When entering a space, we immediately notice what surrounds us; our eyes are drawn to what is innovative, fresh and new, whilst simply recognising what is familiar. Often, we don't focus on specific interior finishes such as flooring. However, when utilized in an environment which allows integration of the whole interior scheme, such spaces can be augmented by use of the architecture, colour and interaction with light.

Expertly curated using authentic reproductions of natural materials, Expona Design offers 28 variations of heavy commercial floor coverings. Elegantly combining contemporary and decorative designs including innovative metallic and graphic design effects, this range will help shape the atmosphere of a room or commercial environment to give the user a feeling of recognition and comfort.



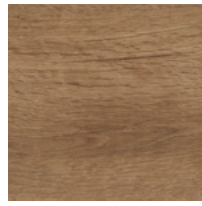
# COLLECTION OVERVIEW



p18  
White Oak



p8  
American Oak



p9  
Amber Classic Oak



p18  
Light Elm



p28  
Cool Grey Concrete



p34  
Light Contour



p25  
Classic Limestone



p12  
Blond Country Plank



p8  
Classic Oak



p28  
Warm Grey Concrete



p26  
Silver Slate



p20  
Silvered Driftwood



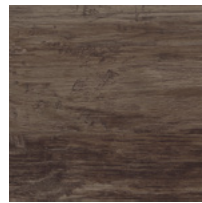
p33  
Crème Matrix



p10  
Natural Brushed Oak



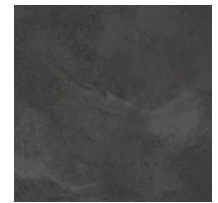
p10  
Antique Oak



p20  
Grey Heritage Cherry



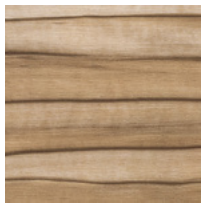
p29  
Dark Grey Concrete



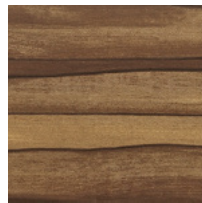
p26  
Atlantic Slate



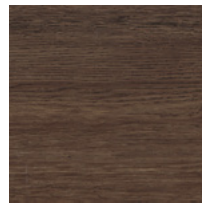
p25  
Roman Limestone



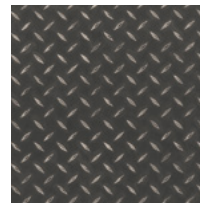
p17  
Blond Indian Apple



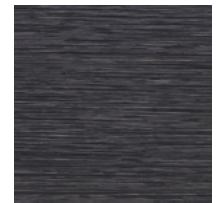
p17  
Aged Indian Apple



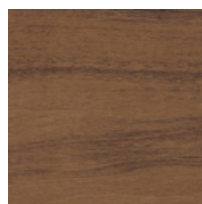
p11  
Dark Brushed Oak



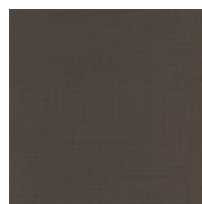
p34  
Black Treadplate



p35  
Dark Contour



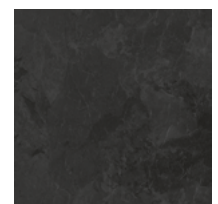
p14  
Walnut



p33  
Mocca Matrix



p19  
Black Elm



p27  
Black Slate

The Expona Design collection consists of 28 shades in an array of finishes. Our shades are individually crafted to feature unique surface texture and embossing for an authentic appearance. To navigate, use the page references above to find the desired shade.

# DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

## WOOD

Expona Design Wood richly encompasses premium designs, delicately depicting the natural charm of authentic timber. The carefully selected palette imparts both tonal and surface texture variation, simultaneously reflecting the true individualism of Expona. Plank nuances allows for complete confidence in this selection, and aims to heighten the relationship between the users and their space.



# WOOD



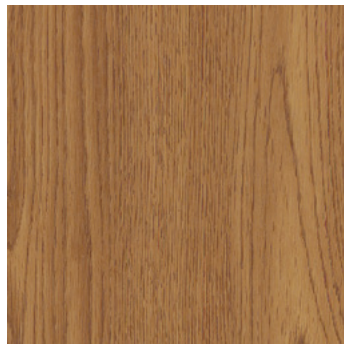
**6139 American Oak**  
152.4 x 914.4mm  
Emboss: Fine Wood Structure



**6138 Classic Oak**  
152.4 x 914.4 mm  
Emboss: Fine Wood Structure



**6139 American Oak**  
152.4 x 914.4mm  
Emboss: Fine Wood Structure



**6138 Classic Oak**  
152.4 x 914.4 mm  
Emboss: Fine Wood Structure







**6222 Amber Classic Oak**  
152.4 x 1219.2mm  
Emboss: Wood Structure

# WOOD



**6179 Natural Brushed Oak**  
203.2 x 1219.2mm  
Emboss: Wood Structure



**6149 Antique Oak**  
203.2 x 1219.2mm  
Emboss: Relief Wood Structure





6179 Natural Brushed Oak



**6178 Dark Brushed Oak**  
203.2 x 1219.2mm  
Emboss: Wood Structure



# WOOD



**6151 Blond Country Plank**  
152.4 x 914.4mm  
Emboss: Rustic Wood Structure





# WOOD



**6155 Walnut**  
152.4 x 914.4mm  
Emboss: Fine Wood Structure











**6173 Blond Indian Apple**  
152.4 x 1219.2mm  
Emboss: Wood Structure



**6174 Aged Indian Apple**  
152.4 x 1219.2mm  
Emboss: Wood Structure



# WOOD



**6185 White Oak**  
152.4 x 914.4 mm  
Emboss: Fine Wood Structure



**6182 Light Elm**  
152.4 x 914.4mm  
Emboss: Fine Wood Structure





**6183 Black Elm**  
152.4 x 914.4mm  
Emboss: Fine Wood Structure

# WOOD



**6146 Silvered Driftwood**  
203.2 x 1219.2mm  
Emboss: Relief Wood Structure



**6204 Grey Heritage Cherry**  
184.2 x 1219.2mm  
Emboss: Hand-Planed Structure





# DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

## STONE

Expona Design Stone comprises a contemporary response which reflects the beauty of both man-made and naturally sourced compounds. Exploring shade and light, our stone effects embody depth and texture alongside bold slate variations. The clean and contemporary stone designs offer a wide scope of finishes and are ideally suited to enhance large scale commercial interiors.

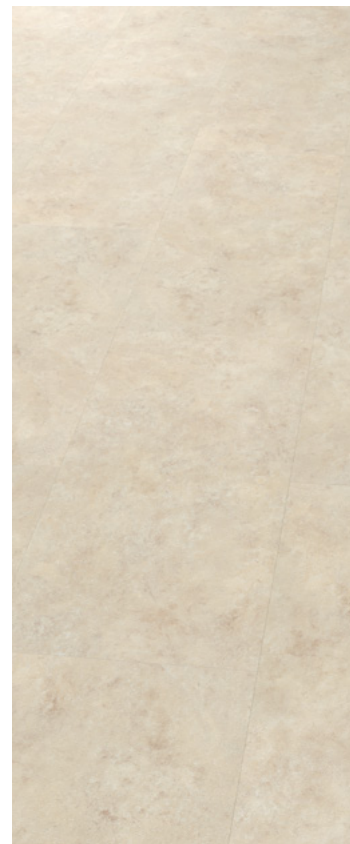








**7219 Roman Limestone**  
304.8 x 609.6mm  
Emboss: Fine Stone Structure



**7173 Classic Limestone**  
304.8 x 609.6mm  
Emboss: Fine Stone Structure

# STONE



**7155 Silver Slate**  
304.8 x 609.6mm  
Emboss: Slate Structure



**7154 Atlantic Slate**  
304.8 x 609.6mm  
Emboss: Slate Structure





**7153 Black Slate**  
304.8 x 609.6mm  
Emboss: Slate Structure

# STONE



**7237 Cool Grey Concrete**  
609.6 x 609.6mm  
Emboss: Stone Structure



**7233 Warm Grey Concrete**  
609.6 x 609.6mm  
Emboss: Stone Structure





**7238 Dark Grey Concrete**  
609.6 x 609.6mm  
Emboss: Stone Structure

# DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

## ABSTRACT

Developed to appeal to one's imagination, Expona Design Abstract introduces creative and graphic designs created using both illustrative and photographic techniques. The collection successfully parallels Expona's tradition of strong innovation and individuality, whilst retaining focus on practicality and interior longevity within commercial environments.





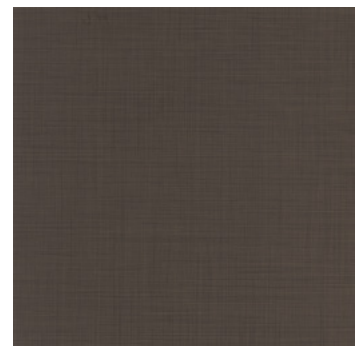
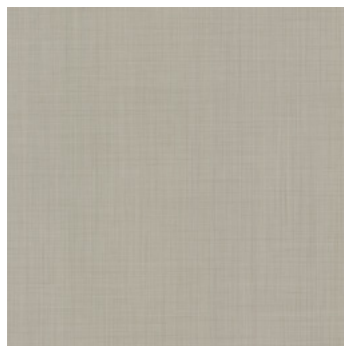




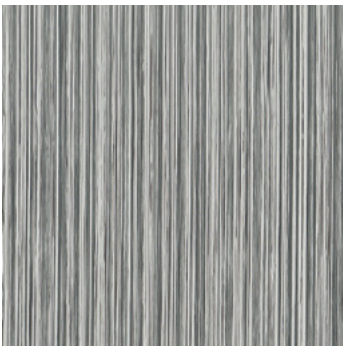
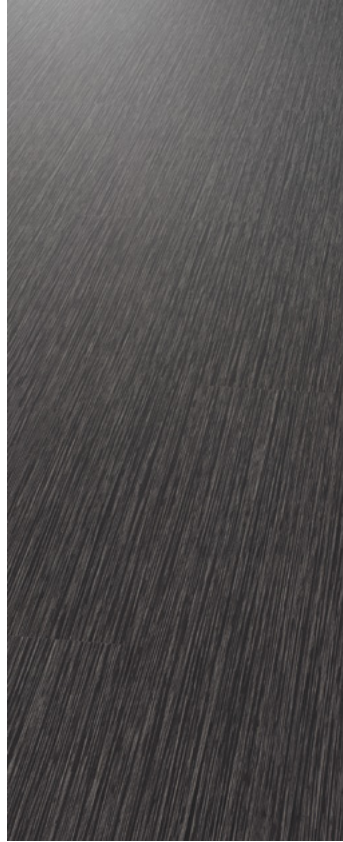
**8077 Crème Matrix**  
609.6 x 609.6mm  
Emboss: Matrix Structure



**8076 Mocca Matrix**  
609.6 x 609.6mm  
Emboss: Matrix Structure



# ABSTRACT



**7214 Light Contour**  
304.8 x 914.4mm  
Emboss: Linear Structure



**7215 Dark Contour**  
304.8 x 914.4mm  
Emboss: Linear Structure





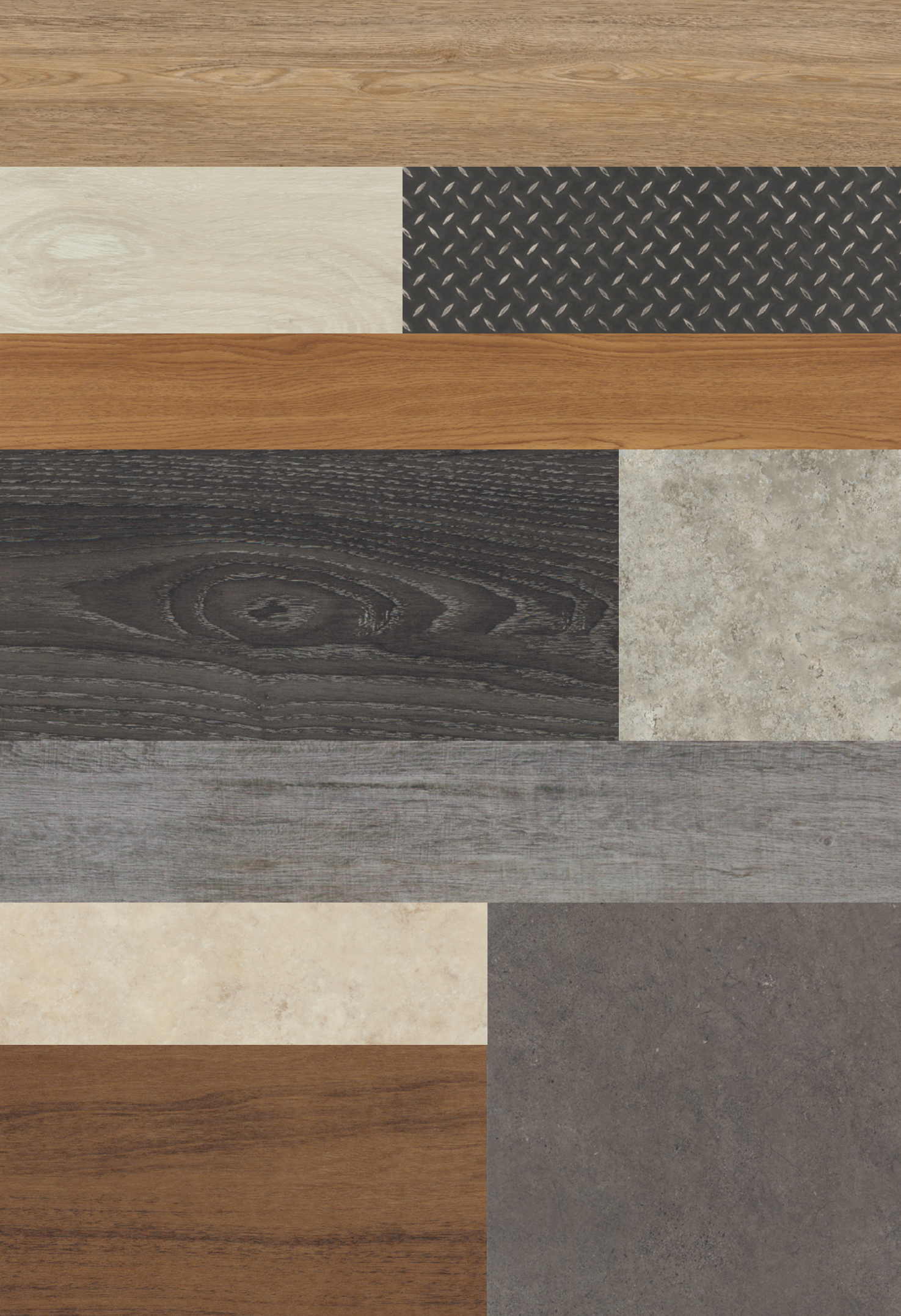
**8122 Black Treadplate**  
457.2 x 914.4mm  
Emboss: Treadplate Structure

# DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

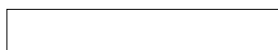
## THE COLLECTIONS

The following spreads summarise the Expona Design collection, featuring accurate product scans as well as detailing all tile and plank sizes. Designs that feature pattern variations or bevelled edges are highlighted for easy identification, and the whole collection has been grouped by plank or tile size, so depending on the scale of the installation a suitable tile can be quickly selected.



# WOOD COLLECTION

**6" x 36"**  
152.4 x 914.4mm



**6185** White Oak



**6139** American Oak



**6151** Blond Country Plank



**6182** Light Elm



**6138** Classic Oak



**6155** Walnut



**6183** Black Elm

**6" x 48"**  
152.4 x 1219.2mm



**6173** Blond Indian Apple



**6174** Aged Indian Apple



**6222** Amber Classic Oak

**8" x 48"**  
203.2 x 1219.2mm



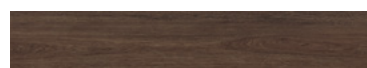
**6179** Natural Brushed Oak



**6149** Antique Oak

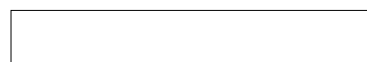


**6146** Silvered Driftwood



**6178** Dark Brushed Oak

**7.25" x 48"**  
184.2 x 1219.2mm



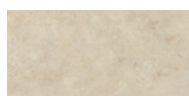
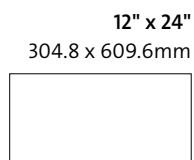
**6204** Grey Heritage Cherry

Accurate authenticity is at the heart of Expona, representing the allure, distinction and unpredictability of natural timber and stone. To replicate these materials, the products may contain knots and variation in markings as part of their design.

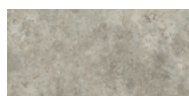
Although we endeavour to ensure the brochure print process represents the true colour of each product, we recommend you view an actual sample which we shall be pleased to supply, free of charge. Visit [polyflor.com](http://polyflor.com) and follow the samples link for further details.

 Bevelled edges  Pattern and/or colour variation

# STONE & ABSTRACT COLLECTION




7173 Classic Limestone



7219 Roman Limestone



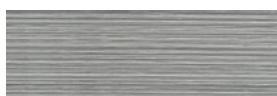
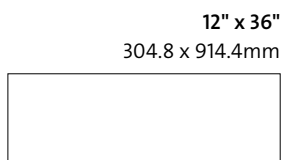
 7155 Silver Slate



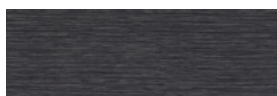
7154 Atlantic Slate



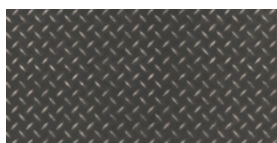
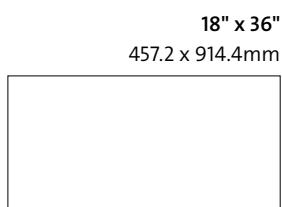
7153 Black Slate



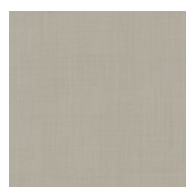
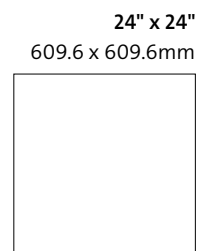
7214 Light Contour



7215 Dark Contour



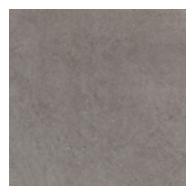
8122 Black Treadplate



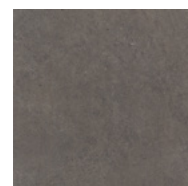
8077 Crème Matrix



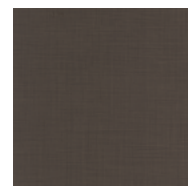
7233 Warm Grey Concrete



7237 Cool Grey Concrete



7238 Dark Grey Concrete



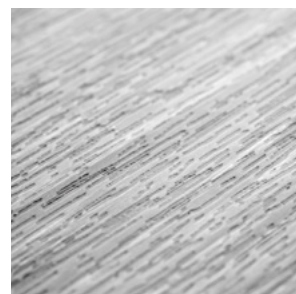
8076 Mocca Matrix

Accurate authenticity is at the heart of Expona, representing the allure, distinction and unpredictability of natural timber and stone. To replicate these materials, the products may contain knots and variation in markings as part of their design.

Although we endeavour to ensure the brochure print process represents the true colour of each product, we recommend you view an actual sample which we shall be pleased to supply, free of charge. Visit [polyflor.com](http://polyflor.com) and follow the samples link for further details.

# EMBOSSING

Expona Design offers exceptional quality and a range of leading wood and stone designs as a result of extensive research and innovative product development. The surface embossing for Expona Design has been created to accurately replicate the appearance and feel of real wood timbers and natural stone. An exceptional premium finish is produced when paired with a corresponding design.



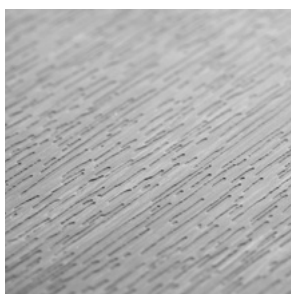
Fine wood structure



Relief wood structure



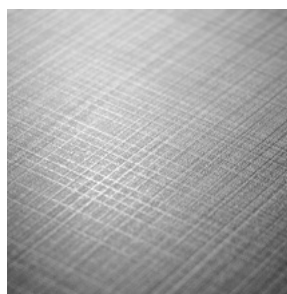
Rustic wood structure



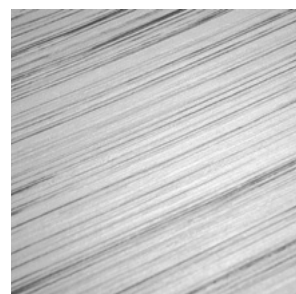
Wood structure



Hand-planed structure



Matrix structure



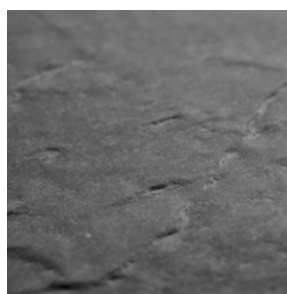
Linear structure



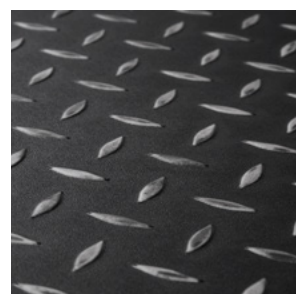
Stone structure



Fine stone structure



Slate structure



Treadplate structure



# INLAY STRIPS

Developed to create authenticity across floor designs, inlay strips can be positioned between planks or tiles to bring an installation to life. They can also create zones and highlight features, or add a bold graphic look to an interior space.

## Grouting Strips

5 x 914mm



2537 (2.5mm) / 3037 (3.0mm) Beige



2536 (2.5mm) / 3036 (3.0mm) Grey



2538 (2.5mm) / 3038 (3.0mm) Black

## Marquetry Strips

5 x 914mm



2551 (2.5mm) / 3061 (3.0mm) Light Oak



2552 (2.5mm) / 3062 (3.0mm) Mid Oak



2553 (2.5mm) / 3063 (3.0mm) Walnut

## Feature Strips

5 x 1000mm



5100 (2.5mm) / 0115 (3.0mm) Silver



5103 (2.5mm) / 0103 (3.0mm) Black



5110 (2.5mm) / 0114 (3.0mm) Brown

For bevelled planks and tiles, we recommend using 2.5mm gauge inlay strips.

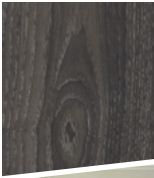
# DECORATIVE DESIGN FLOORS

Form and design is at the heart of the inspiration for Expona Design. As such, each product is developed to work as a standalone floor. However, by using a single shade or combining different flooring tiles together in a variety of layouts, a truly stunning result can be achieved with little effort.

6185  
White Oak



6183  
Black Ash



Full Plank Herringbone



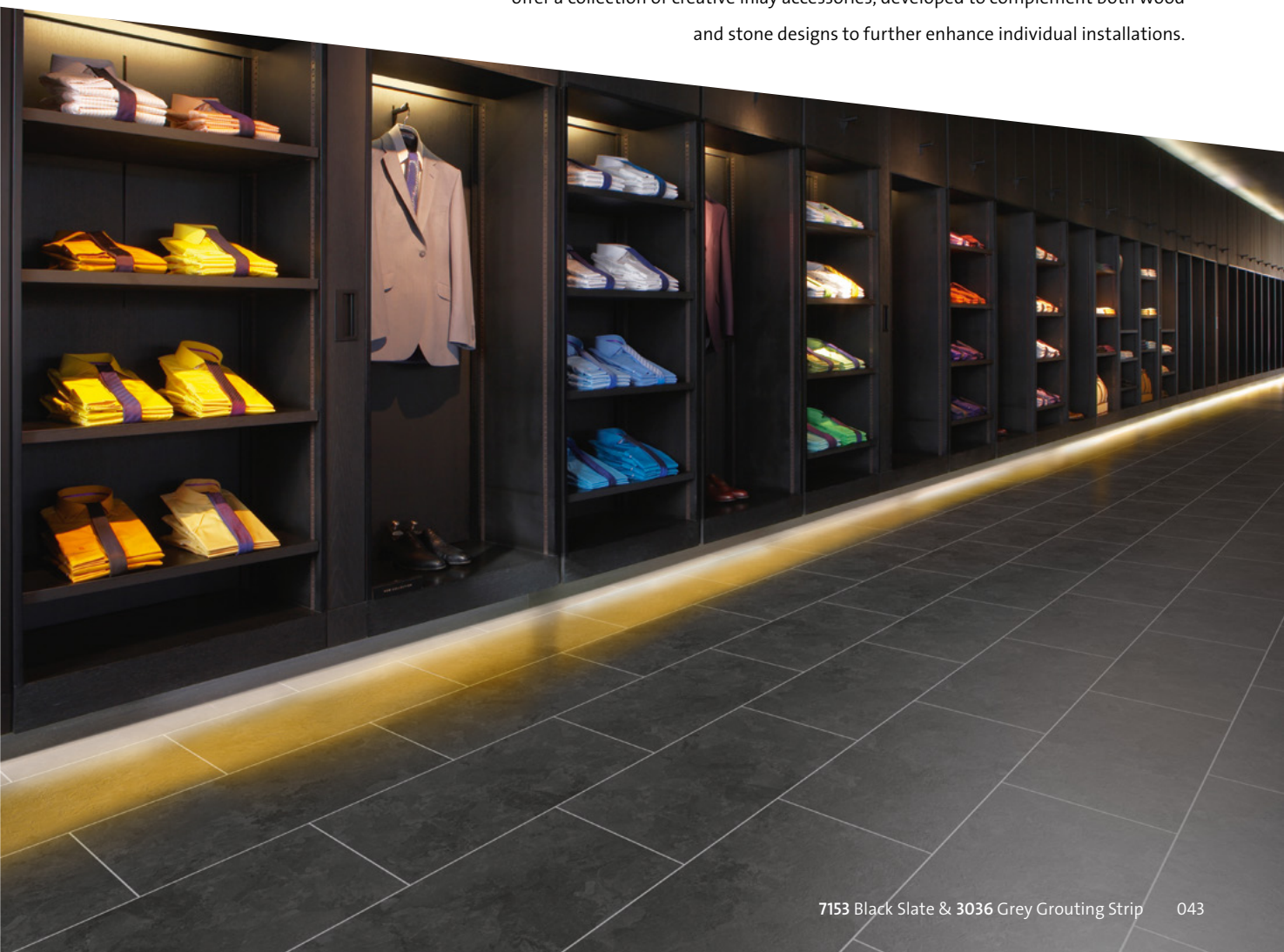


8077  
Crème Matrix



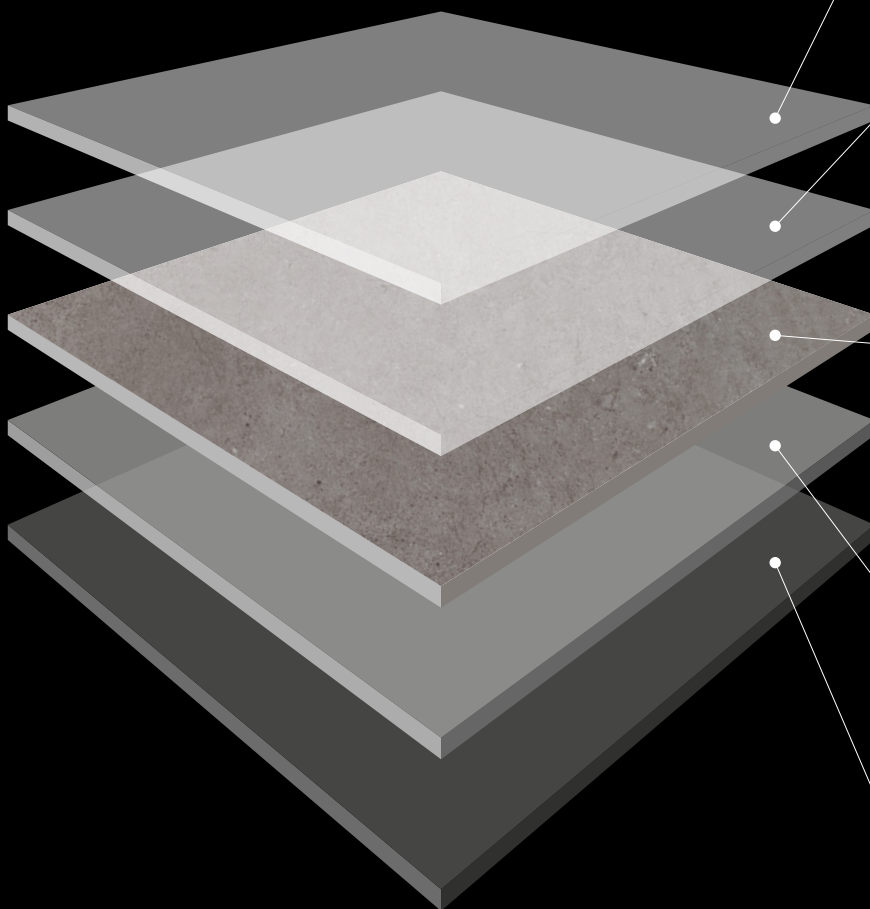
8076  
Mocca Matrix

With little or no cutting required, beautiful flooring installations such as herringbone and colour zoning in multiple shades can create eye-catching designs. Polyflor also offer a collection of creative inlay accessories, developed to complement both wood and stone designs to further enhance individual installations.



# STRUCTURE

EXPONA tiles and planks consist of individual layers which are thermally pressed and feature a polyurethane reinforcement (PUR). EXPONA combines a vast range of authentic wood and stone designs alongside creative, innovative and abstract effects with the excellent easy-care characteristics of PVC flooring.



## Reinforced Polyurethane

The PUR treatment supports a simple cleaning regime.

## Wear layer

The embossed, 0.7mm, high-density and transparent layer is hard wearing and protects the design.

## Decoration layer

An innovative printing technique makes the high-clarity design film a true representation of natural materials.

## Stabilisation layer

Improved dimensional stability is achieved by minimising the effect of surrounding physical properties e.g. temperature fluctuations.

## Load-bearing layer

The basis for the long service life and high performance of EXPONA.

# TECHNICAL DATA

Characteristics	Standards	EXPONA DESIGN
Gauge	EN 428 / EN ISO 24346	3.0mm
Wear Layer	EN 429 / EN ISO 24340	0.7mm
Packaging and plank sizes	EN 427 EN ISO 24342	24 @ 152.4 x 914.4mm = 3.34m <sup>2</sup> 18 @ 152.4 x 1219.2mm = 3.34m <sup>2</sup> 15 @ 184.2 x 1219.2mm = 3.37m <sup>2</sup> 14 @ 203.2 x 1219.2mm = 3.46m <sup>2</sup>
Packaging and tile sizes	EN 427 EN ISO 24342	9 @ 609.6 x 609.6mm = 3.34m <sup>2</sup> 18 @ 304.8 x 609.6mm = 3.34m <sup>2</sup> 8 @ 457.2 x 914.4mm = 3.34m <sup>2</sup> 12 @ 304.8 x 914.4mm = 3.34m <sup>2</sup>
Surface treatment	Expona Design PUR features a high quality, cross-linked polyurethane reinforcement, UV cured to provide superior cleaning benefits and life cycle maintenance savings	
Total weight	EN 430 / EN ISO 23997	5,100 g/m <sup>2</sup>
General performance	EN 649 / EN ISO 10582	Heterogeneous, PVC
Performance classification	EN 685 / EN ISO 10874	23 / 34 / 43*
Slip Resistance	EN 13893 DIN 51130 AS/NZS 4586	Class DS (dry condition) <sup>▲</sup> R10 R10
Dimensional stability	EN 434 / EN ISO 23999	≥0.1%
Residual indentation	EN 433 / EN ISO 24343-1	0.05mm**
Colour fastness to artificial light	EN ISO 105-B02	level ≥ 6 method A
Behaviour to fire	EN 13501-1	Bfl - S1
Abrasion resistance	EN 649 EN ISO 10582	Group T Type I
Resistance to thermal conductivity	EN 12667 / ISO 8302	0.02m <sup>2</sup> k/w
Electrostatic properties when walked on	EN 1815	<2kV
Chemical resistance	EN 423 / EN ISO 26987	***
Castor chair suitability	EN 425 / ISO 4918	yes, type W, EN 12 529
Underfloor heating suitability	EN 1264-2	Suitable, max 27°C
VOC emissions	Indoor Air Comfort Gold AgBB	Eurofins certified product Very low emissions
Environmentally preferable flooring	Expona Design PUR achieves a BRE Global Environmental A+ rating (Certificate No. ENP 429). It is 100% recyclable and contains average 40% recycled material. Recyclable via the Recofloor scheme. Visit <a href="http://www.polyflor.com/sustainability">www.polyflor.com/sustainability</a>	
Environmental product declaration	EN 15804 Available upon request.	
Responsible Sourcing	BES 6001 SA 8000	Very Good Approved Factory
Applications	Expona Design PUR is ideal for very heavy commercial areas within the retail, office, leisure, healthcare, education and housing sectors.	

▲ For safety flooring with sustainable wet slip resistance, refer to Expona Control PUR or the Polysafe ranges

\* Resistant depending on concentration and time of exposure, in case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals please contact us.

\*\* Heavy rolling loads to be avoided

\*\*\* Averaged test value from current production



# HERE TO HELP

## ENVIRONMENT

As a leading global manufacturer of high quality, high performance floorcoverings, Polyflor have demonstrated a high level of commitment to minimising the impact our products have on the environment, and endeavour to meet these requirements with a focus on sustainability and a healthy indoor climate.

All Expona flooring has the prescribed CE mark, as a European declaration of performance and is regularly tested to ensure the exceptional standards are continually met by external third parties including Eurofins, one of Europe's leading service providers in the field of analysis. Through these annual external inspections, Eurofins have awarded Expona Design the Indoor Air Comfort Gold rating. This certificate is awarded to products with VOC emissions below any globally determined VOC limits. Expona Design is certified with FloorScore, BRE and LEED credits. All Expona flooring is also 100% recyclable and contains average 40% recycled material, which is integrated into new flooring production insofar as is possible.

## SUSTAINABILITY

As a member of ERFMI, the European Resilient Flooring Manufacturer's Institute, Polyflor, a company of James Halstead PLC, supports the ideal of sustainable construction and has prepared an Environmental Product Declaration (EPD) for Expona Design. Expona floorcoverings have been assessed under the EN 15804 programme of the Institute for Construction and Environment (IBU) for the environmental assessment of buildings.

## ORDER SAMPLES

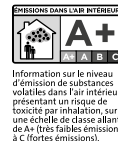
Polyflor provide a complementary product sample service so you can sample your choice of flooring before you make your final selection, and ensure you find the exact floorcovering you are looking for. To order your free sample of any Expona Design colour, visit the Polyflor website, call the dedicated Polyflor Samples Hotline on +44 (0) 161 767 2551 or speak with your local Polyflor provider.

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Visit [polyflor.com](http://polyflor.com) for detailed product and technical information on all flooring collections within the Polyflor portfolio. Our award winning website provides an easy to follow navigation system to help you find exactly what you are looking for, free downloads, and free product and literature samples which can be easily ordered through the website.

## CONTACT US

For general information on your specific project, either speak with your local Polyflor provider or contact us directly. If you require additional detailed technical data, either visit [polyflor.com](http://polyflor.com) and follow the links to the technical pages, contact Polyflor Customer Technical Services on +44 (0) 161 767 1912 or email [tech@polyflor.com](mailto:tech@polyflor.com).



## POLYFLOR™ INTERNATIONAL

### Australia

Polyflor Australia  
Tel: +61 3 9215 4400  
Tel: 1800 777 425  
E-mail: sales@polyflor.com.au

### Canada

Polyflor Canada Inc.  
Tel: +1 905 364 3000  
E-mail: sales@polyflor.ca

### China

Polyflor Hong Kong  
Tel: +(852) 2865 0101  
E-mail: info@polyflor.com.hk

### France

James Halstead France SAS  
Tel: +33 (0) 8 20 20 32 11  
E-mail: info@jhfrance.fr

### Germany

objectflor Art und Design Belags GmbH  
Tel: +49 (0) 2236 966 330  
E-mail: info@objectflor.de

### India

Polyflor India Pvt Ltd  
Tel: +91 22 4023 2485  
E-mail: info@polyflor.co.in

### Ireland

Polyflor Ireland  
Tel: +353 (1) 864 9304  
E-mail: salesireland@polyflor.com

### New Zealand

Polyflor New Zealand Ltd  
Tel: +64 9 269 1111  
Tel: 0800 765 935  
E-mail: sales@polyflor.co.nz

### Norway

Polyflor Nordic  
Tel: +47 23 00 84 00  
E-mail: firmapost@polyflor.no

### Poland

Polflor Sp. Z o.o.  
Tel: +48 (0) 61 820 3155  
E-mail: polyflor@polflor.com.pl

### Russia

Polyflor Contract Ltd  
Tel: +7 (812) 332 42 02  
E-mail: info@polyflor.ru

### South Africa

Poly Sales Africa (Pty.) Ltd  
Tel: +27 (0) 11 609 3500  
E-mail: info@polyflor.co.za

### Sweden

FalckDesign AB  
Tel: +46 (0) 300 15820  
E-mail: info@falckdesign.com

## POLYFLOR™ UK

Polyflor Ltd, PO Box 3, Radcliffe New Road  
Whitefield, Manchester, M45 7NR

UK Sales Direct: +44 (0) 161 767 1122

Export Sales Direct: +44 (0) 161 767 1913

UK Fax: +44 (0) 161 767 1128

Export Fax: +44 (0) 161 767 1166

Technical Support: +44 (0) 161 767 1912

Reception: +44 (0) 161 767 1111

E-mail: info@polyflor.com



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as well as up to date product and  
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