EXPONA®

DESIGN

HEAVY COMMERCIAL LUXURY VINYL TILES

DESIGN

When entering a space, we immediately notice what surrounds us; our eyes are drawn to what is innovate, 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.

p18	p8	p9	p18	p28	p34
White Oak	American Oak	Amber Classic Oak	Light Elm	Cool Grey Concrete	Light Contour
p25	p12	p8	p28	p26	p20
Classic Limestone	Blond Country Plank	Classic Oak	Warm Grey Concrete	Silver Slate	Silvered Driftwood
p33	p10	p10	p20	p29	p26
Crème Matrix	Natural Brushed Oak	Antique Oak	Grey Heritage Cherry	Dark Grey Concrete	Atlantic Slate
p25	p17	p17	p11	p34	p35
Roman Limestone	Blond Indian Apple	Aged Indian Apple	Dark Brushed Oak	Black Treadplate	Dark Contour
	p14	p33	p19	p27	
	Walnut	Mocca Matrix	Black Elm	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

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.

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
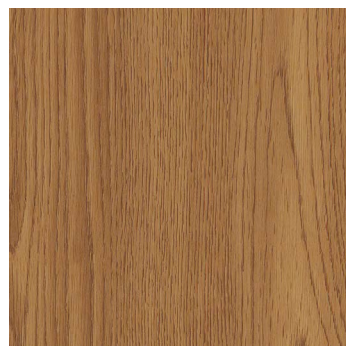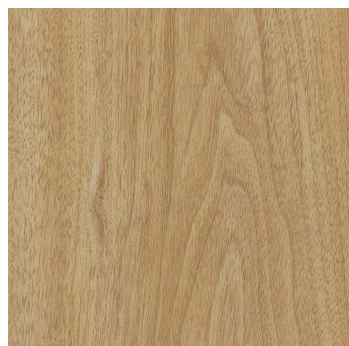
6222 Amber Classic Oak
152.4 x 1219.2mm
Emboss: Wood Structure
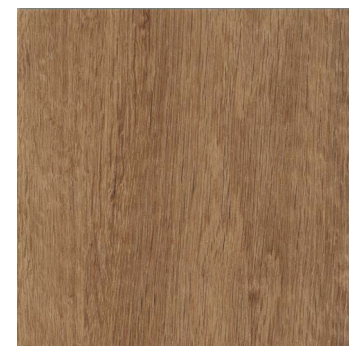
6179 Natural Brushed Oak
203.2 x 1219.2mm
Emboss: Wood Structure

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

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

6179 Natural Brushed Oak

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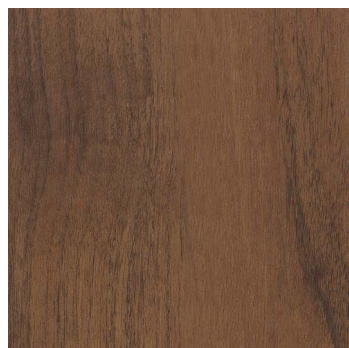
WOOD

6155 Walnut
152.4 x 914.4mm
Emboss: Fine Wood Structure
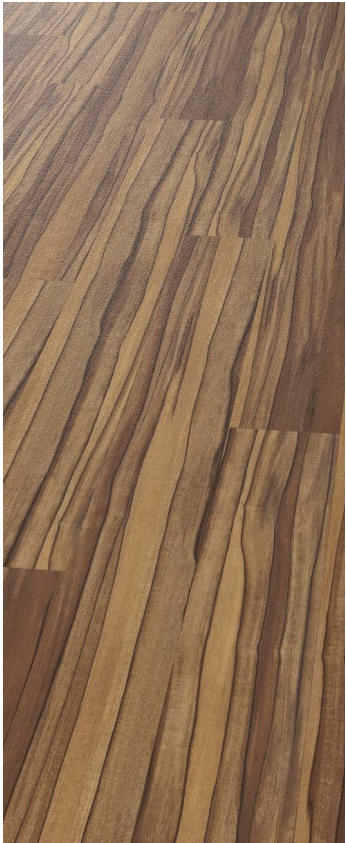
6173 Blond Indian Apple
152.4 x 1219.2mm
Emboss: Wood Structure

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

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
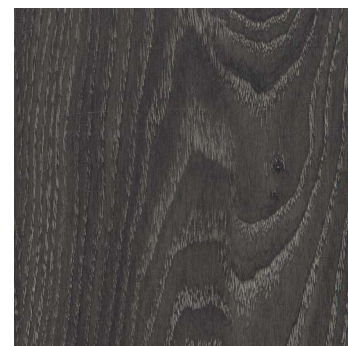
WOOD

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

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

7155 Silver Slate
304.8 x 609.6mm
Emboss: Slate Structure
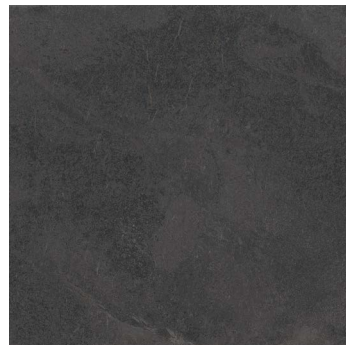
7154 Atlantic Slate
304.8 x 609.6mm
Emboss: Slate Structure

7153 Black Slate
304.8 x 609.6mm
Emboss: Slate Structure

7153 Black Slate & **3036** Grey Grouting Strip

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

7233 Warm Grey Concrete
609.6 x 609.6mm
Emboss: Stone Structure
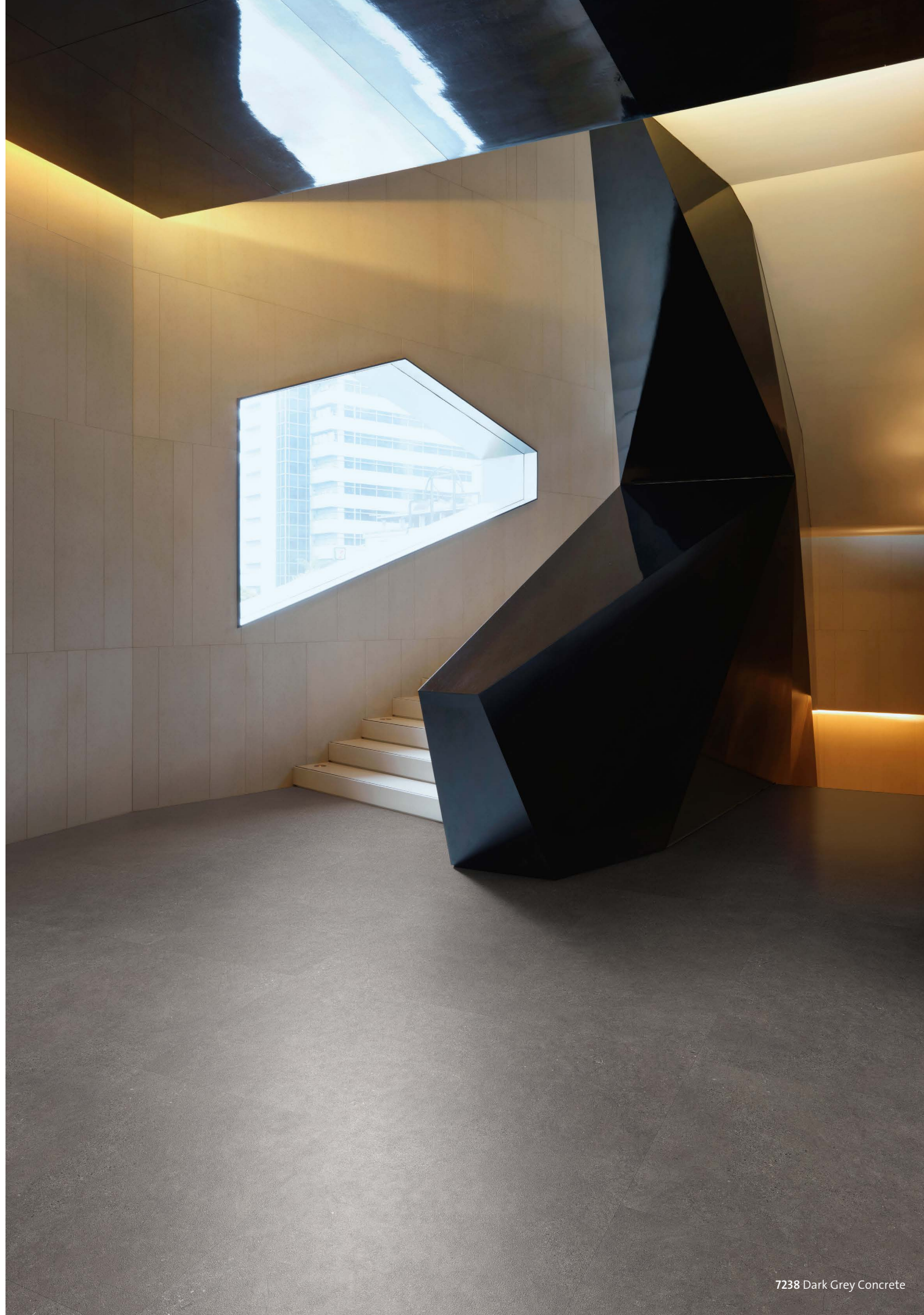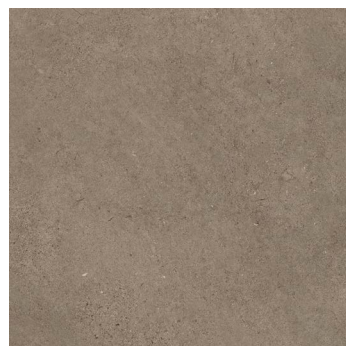
7238 Dark Grey Concrete
609.6 x 609.6mm
Emboss: Stone Structure

7238 Dark Grey Concrete

DESIGN

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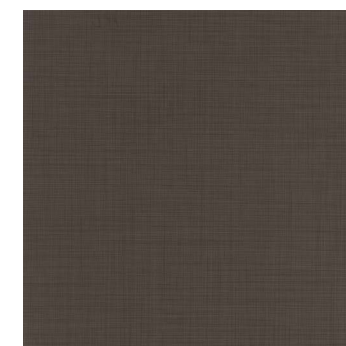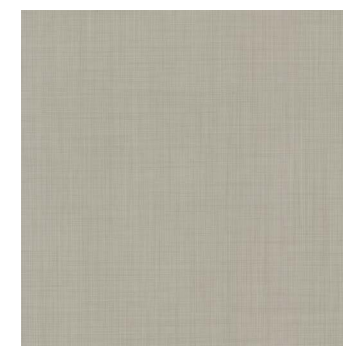
8077 Crème Matrix
609.6 x 609.6mm
Emboss: Matrix Structure

8076 Mocca Matrix
609.6 x 609.6mm
Emboss: Matrix Structure
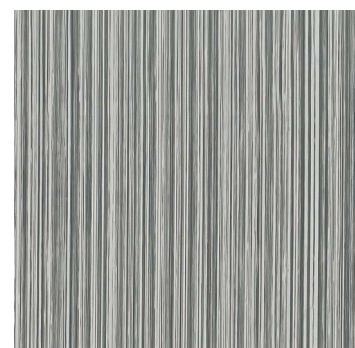
7214 Light Contour
304.8 x 914.4mm
Emboss: Linear Structure

7215 Dark Contour
304.8 x 914.4mm
Emboss: Linear Structure

8122 Black Treadplate
457.2 x 914.4mm
Emboss: Treadplate Structure

DESIGN

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
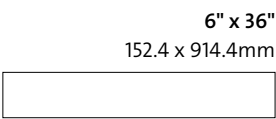
6185 White Oak

6139 American Oak

6151 Blond Country Plank

6182 Light Elm

6138 Classic Oak

6155 Walnut
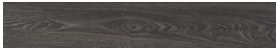
6183 Black Elm

6" x 48"
152.4 x 1219.2mm
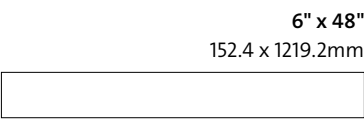
6173 Blond Indian Apple

6174 Aged Indian Apple

6222 Amber Classic Oak

8" x 48"
203.2 x 1219.2mm
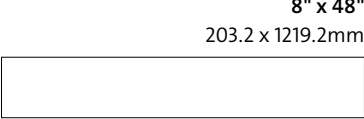
6179 Natural Brushed Oak

6149 Antique Oak

6146 Silvered Driftwood
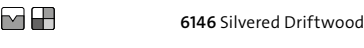
6178 Dark Brushed Oak

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 and follow the samples link for further details.

Bevelled edges   Pattern and/or colour variation

STONE & ABSTRACT COLLECTION

12" x 24"
304.8 x 609.6mm
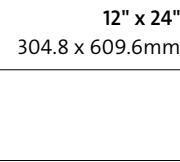
7173 Classic Limestone

7219 Roman Limestone
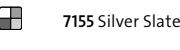
7155 Silver Slate

7154 Atlantic Slate

7153 Black Slate

12" x 36"
304.8 x 914.4mm
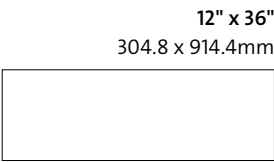
7214 Light Contour

7215 Dark Contour

18" x 36"
457.2 x 914.4mm

8122 Black Treadplate

24" x 24"
609.6 x 609.6mm
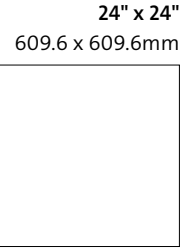
8077 Crème Matrix

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.

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Bevelled edges   Pattern and/or colour variation

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
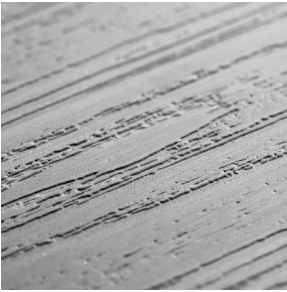
Relief wood structure

Rustic wood structure

Wood structure

Hand-planed structure
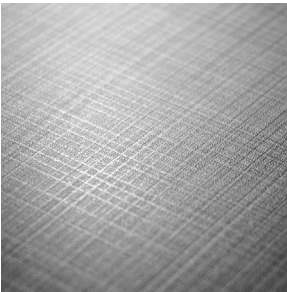
Matrix structure
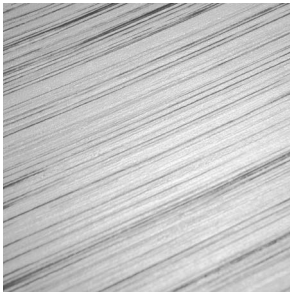
Linear structure

Stone structure

Fine stone structure

Slate structure
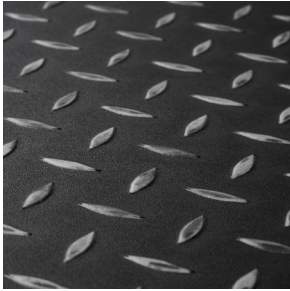
Treadplate structure

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	Marquetry Strips	Feature Strips
5 x 914mm	5 x 914mm	5 x 1000mm
2537 (2.5mm) / **3037** (3.0mm) Beige	**2551** (2.5mm) / **3061** (3.0mm) Light Oak	**5100** (2.5mm) / **0115** (3.0mm) Silver
2536 (2.5mm) / **3036** (3.0mm) Grey	**2552** (2.5mm) / **3062** (3.0mm) Mid Oak	**5103** (2.5mm) / **0103** (3.0mm) Black
2538 (2.5mm) / **3038** (3.0mm) Black	**2553** (2.5mm) / **3063** (3.0mm) Walnut	**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.

8077
Crème Matrix

6185
White Oak

8076
Mocca Matrix

6183
Black Ash

Full Plank Herringbone
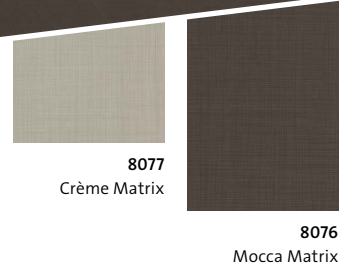
With little or no cutting required, beautiful flooring installations such as herringbone and colour zoning in multiple shades can create eye-catching designs. Polyflor also offer a collection of creative inlay accessories, developed to complement both wood and stone designs to further enhance individual installations.
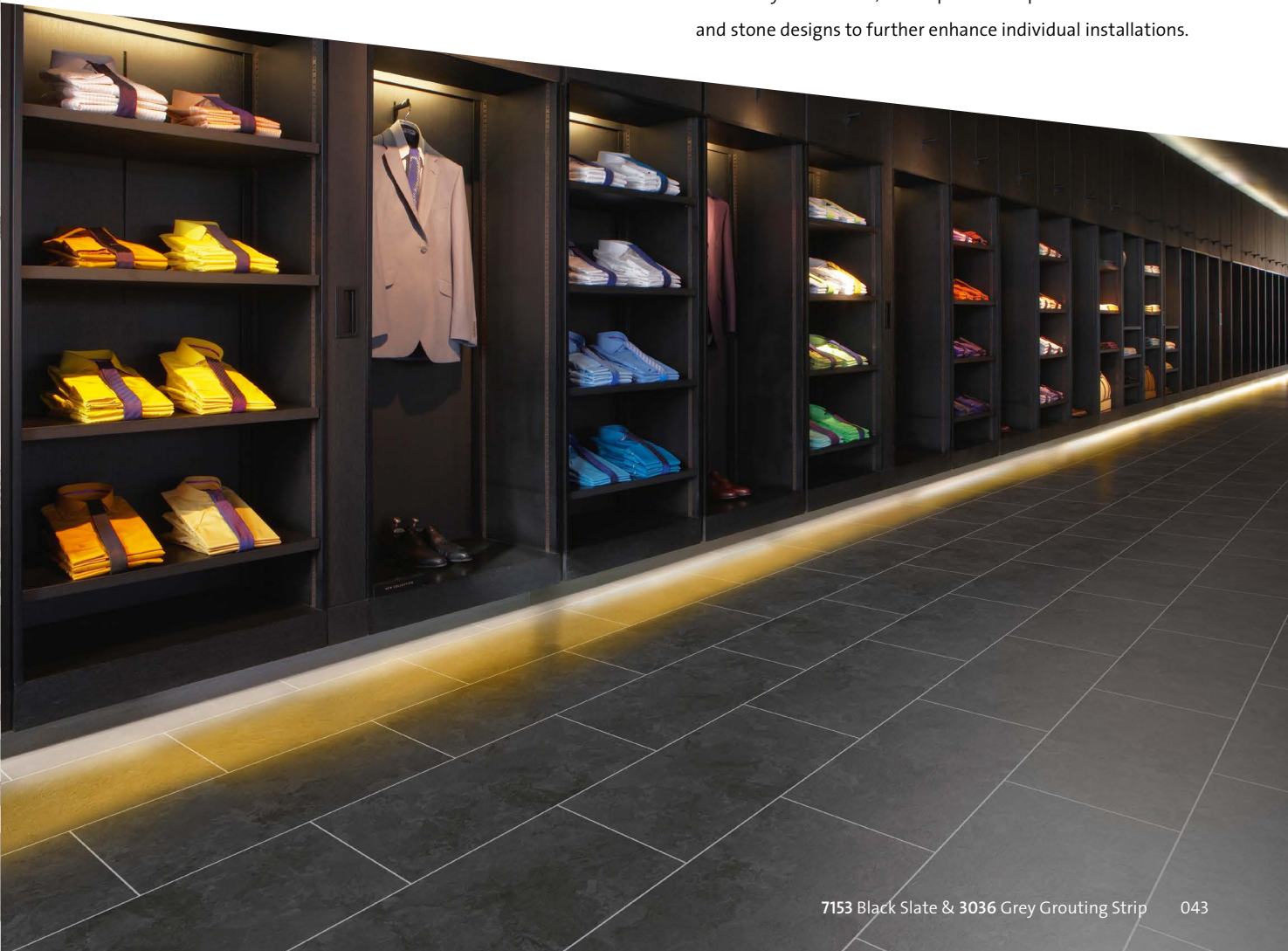
EXPONA tiles and planks consist of individual layers which are thermally pressed and feature a polyurethane reinforcement (PUR). EXPONA combines a vast range of authentic wood and stone designs alongside creative, innovative and abstract effects with the excellent easy-care characteristics of PVC flooring.
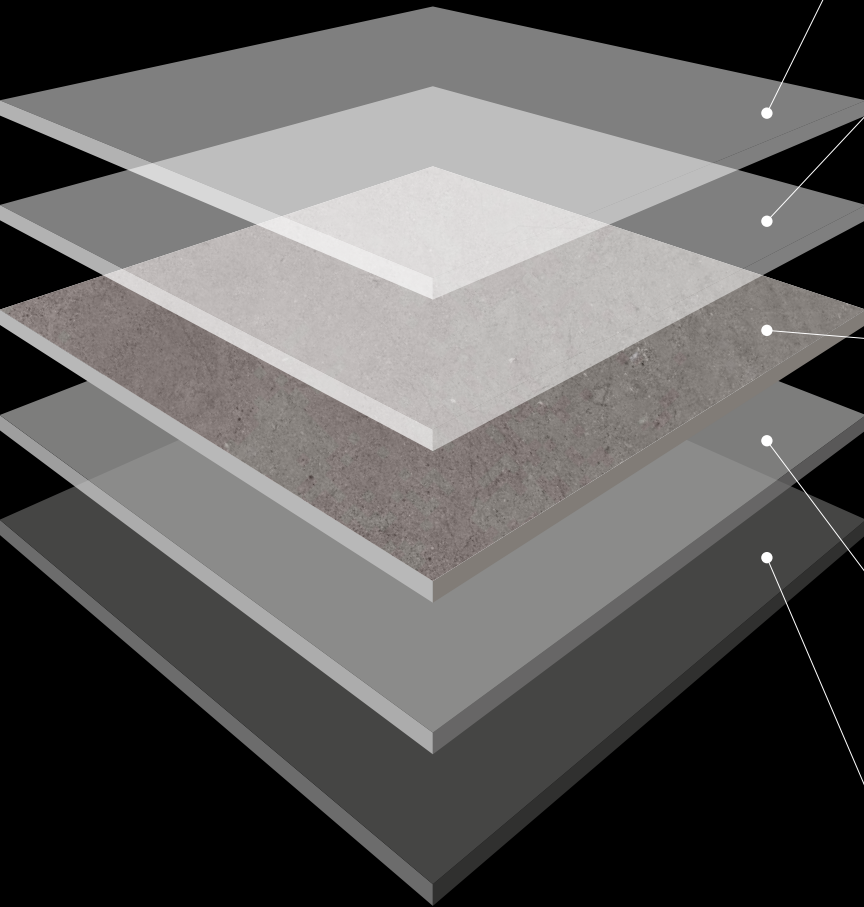
Reinforced Polyurethane

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.

Characteristics	Standards	Unit	EXPONA DESIGN
Type of floorcovering	EN ISO 10582		Heterogeneous, PVC
Surface treatment			PUR
Total weight	EN ISO 23997	g/m^2	5,100
Performance classification	EN ISO 10874		23 / 34 / 43
Gauge	EN ISO 24346	mm	3.0mm
Wear layer thickness	EN ISO 24340	mm	0.7mm
Packaging and plank sizes	EN ISO 24342	mm	24 @ 152.4 x 914.4 = 3.34m^2 18 @ 152.4 x 1219.2 = 3.34m^2 15 @ 184.2 x 1219.2 = 3.37m^2 14 @ 203.2 x 1219.2 = 3.46m^2
Packaging and tile sizes	EN ISO 24342	mm	9 @ 609.6 x 609.6 = 3.34m^2 18 @ 304.8 x 609.6 = 3.34m^2 16 @ 457.2 x 457.2 = 3.34m^2 12 @ 304.8 x 914.4 = 3.34m^2
Dimensional stability	EN ISO 23999	%	≥0.1
Residual indentation	EN ISO 24343-1	mm	0.05**
Colour fastness to artificial light	EN ISO 105-B02	level	≥ 6
Behaviour to fire	EN 13501-1		Bfl - S1
Slip resistance	EN 13893 DIN 51130 AS 4586		DS▲ R10 R10
Resistance to thermal conductivity	EN 12667 ISO 8302	m^2 K/w	0.02
Assessment of static electrical propensity	EN 1815	kV	< 2
Chemical resistance	EN ISO 26987		*
Abrasion resistance	EN ISO 10582 EN 649		Type I Group T
Castor chair suitability	ISO 4918		Yes
Underfloor heating suitability	EN 1264-2		Suitable, max 27°C
VOC emissions	Indoor Air Comfort Gold Floorscore AgBB		Eurofins certified product Certified product Very low emissions
Environmental product declaration	EN 15804		DGNB Navigator www.dgnb-navigator.de
Responsible sourcing	BES 6001 SA 8000		Very Good Approved Factory

▲ 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. Averaged test value from current production

** Heavy rolling loads to be avoided

CE EN 14041 BES 6001 Responsible Sourcing www.greenbooklive.com POLYFLOR PUR POLISH FREE

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.

VISIT US ONLINE

Visit 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 and follow the links to the technical pages, contact Polyflor Customer Technical Services on +44 (0) 161 767 1912 or email tech@polyflor.com.
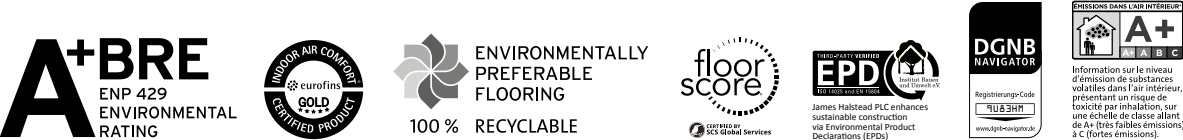
A+BRE
ENP 429
ENVIRONMENTAL
RATING

INDOOR AIR COMFORT
& eurofins
GOLD
CERTIFIED PRODUCT

ENVIRONMENTALLY
PREFERABLE
FLOORING
100 % RECYCLABLE

floor score
CERTIFIED BY
SCS Global Services

EPD
James Halstead PLC enhances
sustainable construction
via Environmental Product
Declarations (EPDs)

DGNB
NAVIGATOR
Registrierungs-Code
9U83nH
www.dgnb-navigator.de

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A B C
Information sur le niveau
d'émission de substances
volatiles dans l'air intérieur,
présentant un risque de
toxicité par inhalation, sur
une échelle de classe allant
de A+ (très faibles émissions)
à C (fortes émissions).

James Halstead™
FLOORING

POLYFLOR™

COVERING THE WORLD