EXPONA®

DESIGN

INSPIRED BY THE ELEMENTS, PERFECTED FOR THE EXPERTS

6173 | **BLOND INDIAN APPLE**

6186 | **UNTREATED TIMBER**

LESEN
klonen
INFORMIEREN
ENTSPANNEN
WARTEN
Lust auf Bewegung?
"Glaube an das Unm
und das Unmögliche

6174 | **AGED INDIAN APPLE**

7206 | **BEIGE METALSTONE**

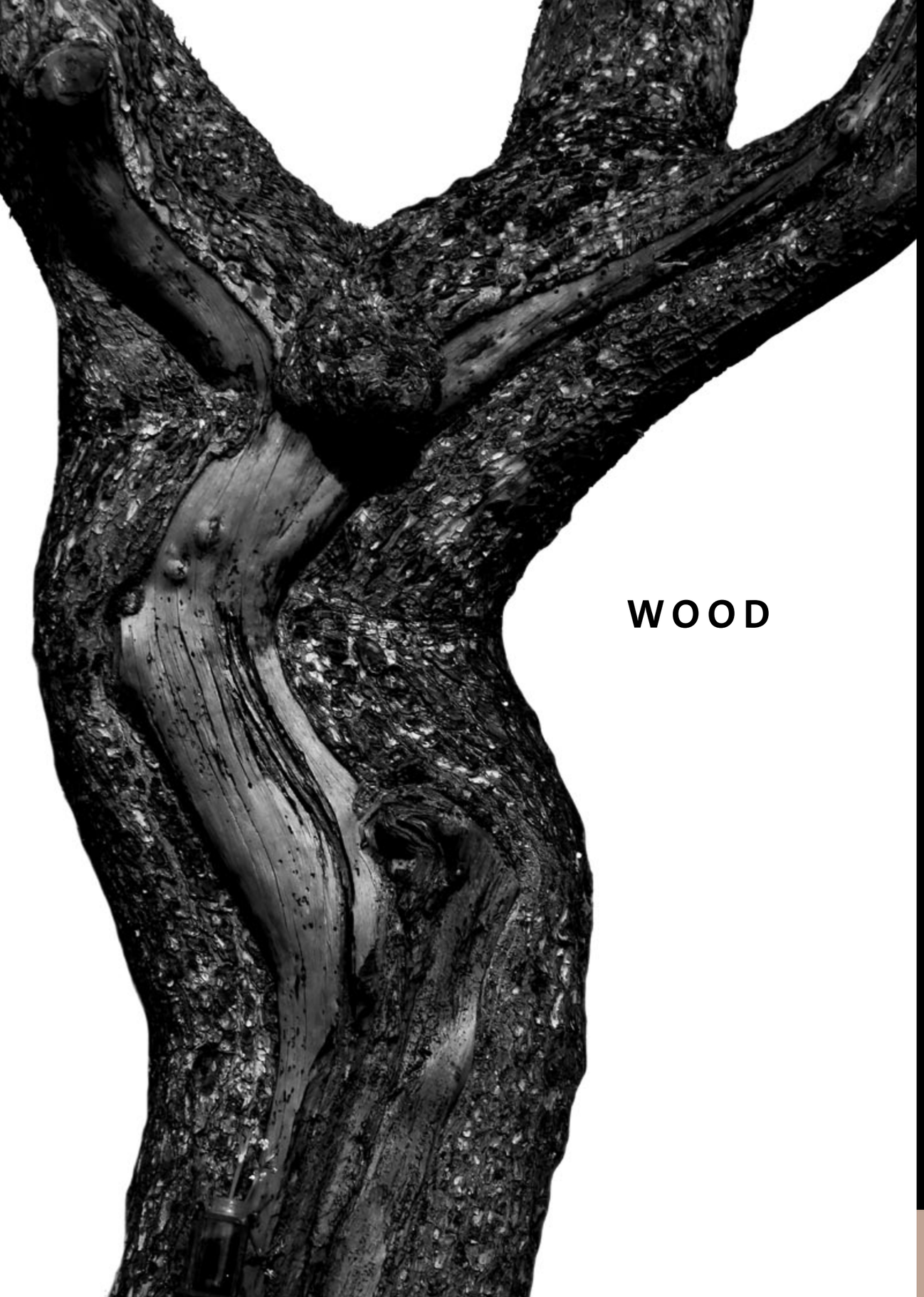
6151 | **BLOND DRIFTWOOD**

7154 | **ATLANTIC SLATE**
7155 | **SILVER SLATE**

MATERIAL PAGE 32–33

STONE PAGE 28–31

PAGE 22–27 WOOD



WOOD

6185 WHITE OAK 152 x 914mm R10

6188 BLOND PAPYRUS 152 x 914mm R10

6182 LIGHT ELM 152 x 914mm R10

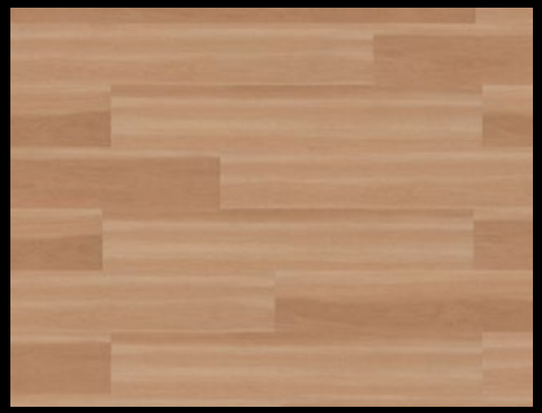
6146 SILVERED DRIFTWOOD 203 X 1219mm R10

6183 BLACK ELM 152 x 914mm R10

Indicated planks feature bevelled edges

The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.

6165 WHITE ASH 152 x 1219mm R10



6115 WHITE MAPLE 152 x 914mm R10

6139 AMERICAN OAK 152 x 914mm R10

6138 CLASSIC OAK 152 x 914mm R10

6151 BLOND DRIFTWOOD 152 x 914mm R10

6107 MEDIUM BIRCH 152 x 914mm R10

6177 LIGHT BRUSHED OAK 203 x 1219mm R10

6178 DARK BRUSHED OAK 203 x 1219mm R10

6186 UNTREATED TIMBER * 203 x 1219mm R10

Indicated planks feature bevelled edges

*** strong contrast within this design**

The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.

6149 ANTIQUE OAK 203 x 1219mm R10

6173 BLOND INDIAN APPLE * 152 x 1219mm R10

6174 AGED INDIAN APPLE * 152 x 1219mm R10

6114 ANTIQUE CHERRY 152 x 914mm R10

6156 RUSTIC MAHOGANY 152 X 914mm R10

6159 FRENCH NUT TREE * 152 x 914mm R10

6168 WARM ASH 152 x 1219mm R10

6112 MAHOGANY 152 x 914mm R10

6191 SANTOS PALISANDER 152 x 1219mm R10

6194 AMERICAN NUT TREE RED 184 x 1219mm R10

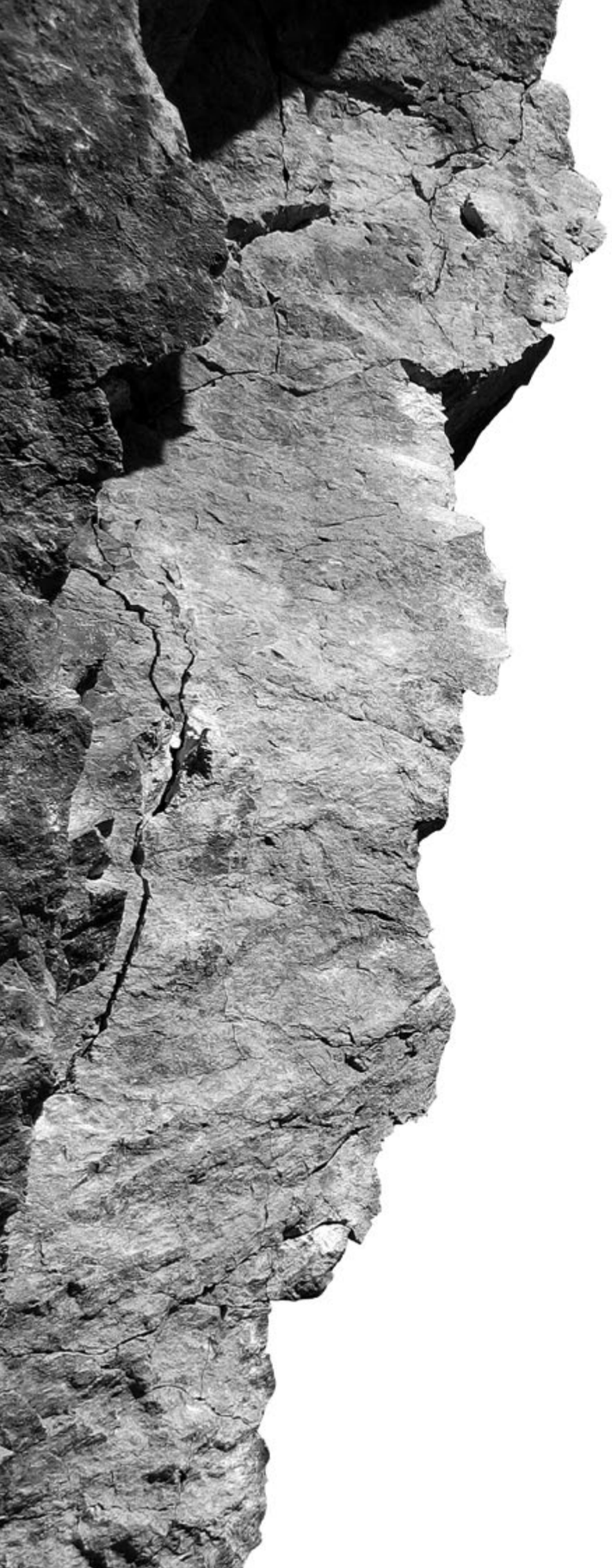
6155 WALNUT 152 x 914mm R10

6190 SWISS NUT TREE 184 X 1219mm R10

Image shows example of emboss and decoration of **6190**

*** strong contrast within this design**

The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.



STONE

7205 LIMED CONCRETE 457 x 457mm R10

7202 COOL GREY CONCRETE 457 x 457mm R10

7206 BEIGE METALSTONE 457 x 914mm R10

7204 WARM GREY CONCRETE 457 x 457mm R10

7210 CORRODED METALSTONE 457 x 914mm R10

The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.

7173 CLASSIC LIMESTONE 305 x 610mm R10

7137 CREMA MARBLE 457 x 457mm R10

7171 CLASSIC TRAVERTINE 305 x 610mm R10

7218 ANTIQUE TRAVERTINE 305 x 610mm R10

7219 ROMAN LIMESTONE 305 x 610mm R10

7201 WHITE OILSHALE 305 x 914mm R10

7200 BLACK OILSHALE 305 x 914mm R10

7155 SILVER SLATE 305 x 610mm R10

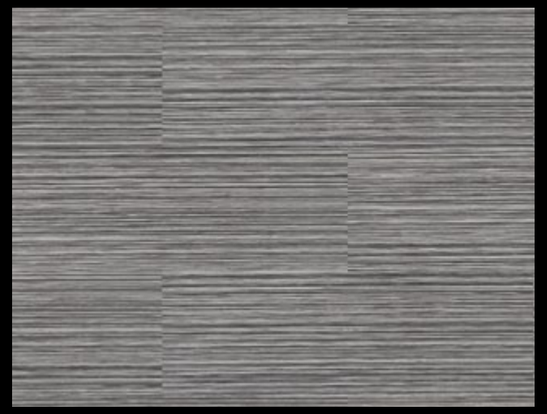
7154 ATLANTIC SLATE 305 x 610mm R10

7153 BLACK SLATE 305 x 610mm R10

Indicated tiles feature bevelled edges

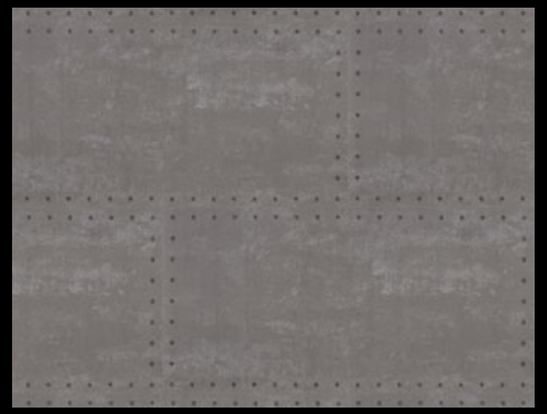
The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.

MATERIAL



7214 LIGHT CONTOUR 305 x 914mm R11

7215 DARK CONTOUR 305 x 914mm R11



7213 ALUMINIUM RIVET SHEET *** 457 x 914mm R11

8122 BLACK TREADPLATE ** 457 x 914mm R10

8127 ANTIQUE COPPER 457 x 457mm R10

** pattern not designed to match from tile to tile

*** includes an embossed rivet effect around the perimeter

The R values shown denote a ramp test result, which is an ex-factory measure of slip resistance. For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges.

PERFECTION IN DETAIL

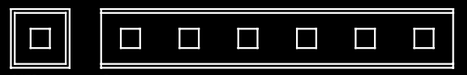
EXPONA DESIGN is a heterogeneous PVC floorcovering based on phototechnical reproductions of natural materials with a transparent wear layer and a factory-applied polyurethane surface treatment..

DESIGN BORDERS - Bespoke inlays are produced individually using precision waterjet technology

Corners | Borders

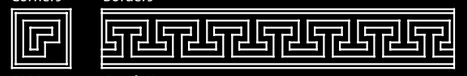
0153 **Dotty**

0162 **Roman Key**



0173 **Squares**

Corners | Borders



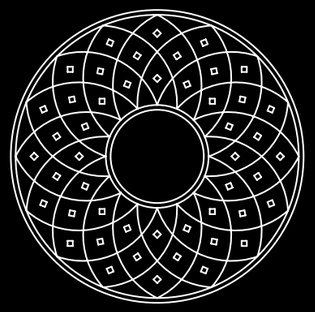
0140 **Greek Key**

0172 **Morse Code**

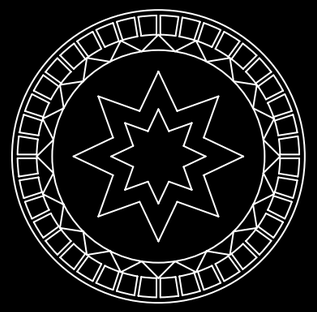
0174 **Floral**

This facility allows you to mix and match colours according to your personal taste. Length and width will always depend on the design and colour of the border chosen.

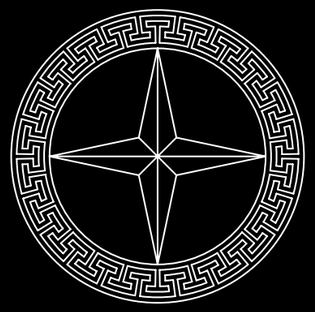
INLAYS



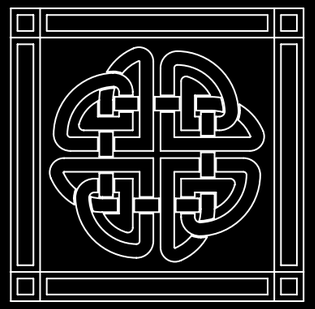
0120 Floret



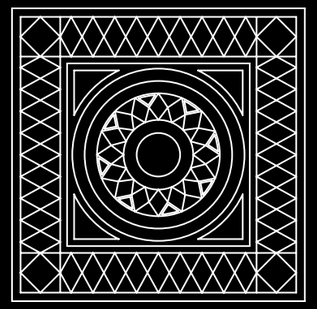
0122 Elven Star



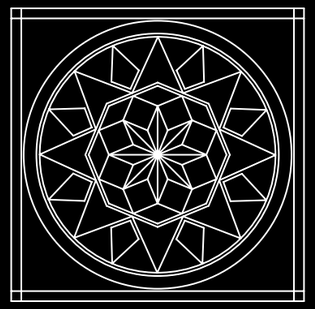
0125 Greek Compass



0127 Celtic Weave



0128 Longford



0129 Geometry

Inlays can be made in any size or colour according to your individual needs. The standard formats are diameters of 90 cm, 120 cm or 150 cm. Special formats can be made depending on the chosen design.

LOGOS - Bespoke logos and inlays are produced using customer own designs and corporate branding

Bespoke inlays and logo designs can be precut and supplied on request.

GROUTING STRIPS - Embossed natural grout effect strips

3037 BEIGE 5 X 914mm

3036 GREY 5 X 914mm

3038 BLACK 5 X 914mm

FEATURE STRIPS - Smooth solid colour strips

0115 SILVER 5 X 1000mm

0103 BLACK 5 X 1000mm

0114 BROWN 5 X 1000mm

3037 with 7219 Roman Limestone

3036 with 7171 Classic Travertine

3038 with 7155 Silver Slate

Grouting and feature strips are ideal for accentuating the effect of tiles. They can be used with planks to create a ships decking or naval plank effect.

TECHNICAL SPECIFICATION

CHARACTERISTICS	EXPONA DESIGN
Type of floorcovering EN 649	heterogeneous, PVC
Surface Treatment	Polyurethane
Total weight EN 430	5,100 g/m²
Performance classification EN 685	23, 34, 43
Gauge EN 428	3.0mm
Wear layer thickness EN 429	0.7mm
Plank size EN 427 (Box quantities)	24 @ 152 x 914mm = 3.34m² 18 @ 152 x 1219mm = 3.34m² 15 @ 184 x 1219mm = 3.37m² 14 @ 203 x 1219mm = 3.46m²
Tile size EN 427 (Box quantities)	18 @ 305 x 610mm = 3.34m² 16 @ 457 x 457mm = 3.34m² 12 @ 305 x 914mm = 3.34m² 8 @ 457 x 914mm = 3.34m²
Residual indentation EN 433	≤ 0.1mm
Abrasion resistance EN 649	Group T
Dimensional stability EN 434	≤ 0.25% max.
Colour fastness to artificial light	level ≥ 6 ISO 105-B02 method A
Behaviour to fire EN 13501-1	Bfl - S1
Slip resistance **	EN 13893 Class DS (Dry condition) DIN 51130 R10/R11 AS/NZS 4586 R10/R11 For safety flooring with sustainable wet slip resistance, refer to the Polysafe ranges
Chemical resistance EN 423	*
Castor chair suitability EN 425	yes, type W, EN 12 529
Underfloor heating suitability	suitable, max. 27° C
VOC Emissions	Indoor Air Comfort GOLD - Eurofins certified product AgBB - Low result FloorScore - Certified product

* 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.

** For clarification regarding slip resistance, consult Polyflor. See product pages (23–33) for R values.

ADDITIONAL INFORMATION

Installation - For full installation instructions, simply choose from the below options:
Log onto www.polyflor.com and download the 'Technical Installation Manual for Luxury Vinyl Tiles' document within the Technical section.
Contact Polyflor Customer Technical Services for further advice and assistance, or to request a hard copy of the Polyflor Technical Manual.
Tel: +44 (0)161 767 1912
Email: tech@polyflor.com

Adhesives - For details on recommended adhesives, please contact Polyflor Customer Technical Services.

Maintenance - For full details on the cleaning and maintenance, choose from the below options:
Log onto www.polyflor.com and download the Floorcare sheet from the relevant product page.
Contact our Customer Technical Support department for further advice and assistance, or to request a hard copy.

Surface Treatment - Expona Design contains a polyurethane surface treatment which provides an excellent foundation for an ongoing cleaning regime, leading to maintenance cost savings.

EXPONA AND THE ENVIRONMENT

As a responsible manufacturer, minimising environmental impact is a critical element of our business ethos and in line with our environmental management system, ISO 14001; we have a clear vision of our objectives and target dates in which to accomplish them. These objectives for continual improvement permeate throughout the whole of Polyflor's products' life cycle.

LIFE CYCLE ANALYSIS
A life cycle analysis is an important way to assess environmental performance from the start to the end of a product's useful life. Polyflor's environmental credentials are extremely positive, which is why 25 of our products achieve the highest A+ rating through BRE Global's environmental life cycle assessment. Globally there are other schemes in place, designed to encourage sustainable development and make it simpler for specifiers to source and choose environmentally compatible materials, these include LEED®, BASTA and Ecospecifier, for instance.

BRE Global
Expona has been individually assessed by BRE Global for its environmental performance over a building life of 60 years and it has been certificated with the following ratings. These excellent ratings indicate minimal impact to the environment and will help maximise a building's BREEAM score.

LVT	Certificate	Health	Education	Retail	Industrial Shed	Office	Domestic
Expona Design	ENP 429	A+	A+	A+	A	B	B

Expona is environmentally sound and 100% fit for purpose, as it does not compromise on durability, performance and choice.
The in-use phase of the resilient flooring life-cycle accounts for at least 80% of its environmental impact, given that it can be in use for 20-25 years. Therefore all of our ranges are designed with low maintenance features, whereby energy intensive cleaning is not required.
Expona has a polyurethane surface treatment which provides an excellent foundation for an ongoing cleaning regime, requiring less water, polish, strippers and chemical cleansers. This is environmentally beneficial and leads to maintenance cost savings.
VOC emissions on Expona are below the strictly set accepted levels with no negative contribution to indoor air quality, having passed the most stringent, independent VOC emissions tests including AgBB and FloorScore®.

Recycling
Expona is 100% recyclable and also contains on average, 15% recycled material. Furthermore, Polyflor is one of two founding and funding members of Recofloor, the industry vinyl flooring take-back scheme. This closed-loop initiative enables Expona's post consumer waste to be recycled at the end of its life.

Subject to change for reasons of technical further development. The samples are only cuttings of the respective products. They show only a small part of the overall design and colour. With regard to colour printing, it is only possible to give a provisional representation of the colour. For colour selection, an original sample should be used which we shall be pleased to send by return.

FalckDesign AB
Energigatan 9, SE-434 23 Kungsbacka, Sweden
Tel: +46 (0) 300 15820
E-mail: info@falckdesign.com

objectflor Art und Design Belags GmbH
Wankelstraße 50, 50996 Köln, Germany
Tel: +49 (0) 2236 966 330
E-mail: info@objectflor.de

Polyflor Australia
59-65 Wedgewood Road, Hallam,
Vic 3803, Australia
Tel: 1800 777 425
E-mail: sales@polyflor.com.au

Polyflor New Zealand
100 Plunket Ave, Manukau 2104
New Zealand
PH: 0800 765 935
E-mail: sales@polyflor.co.nz

Polyflor Canada
304 Stone Road West, Suite 550
Guelph, Ontario, N1G 4W4 Canada
Tel: +1 519 763 3088
E-mail: acrawford@polyflor.ca

Polyflor Contract Ltd
Office 12, Business centre "Strela",
d. 113, liter B, Ligovsky pr.,
St.Petersburg, Russia.
Tel: +7 812 332 42 02
E-mail: info@polyflor.ru

Polyflor Hong Kong
Room 2409, 24th Floor,
New York Life Tower, Windsor House,
311 Gloucester Road,
Causeway Bay, Hong Kong
Tel: +852 2865 0101
E-mail: anthonylam@polyflor.com.hk

Polyflor Ireland
Unit 106, Millennium Trade Park,
Ballycoolin, Blanchardstown, Dublin 11
Tel: +353 (1) 864 9304
E-mail: tmockler@polyflor.com

Polyflor Middle East
PO Box 71862, Dubai, UAE
Tel: +971 4 349 1078
E-mail: espm@eim.ae

Polyflor Nordic
Kjelsåsveien 168 B, N-0884 Oslo, Norway
Tel: +47 23 00 84 00
E-mail: firmapost@polyflor.no

Polyflor Polska
Ul Gronowa 22/506, Poznan 61-680, Poland
Tel: +48 61 820 3155
E-mail: polyflor@polyflor.com.pl

Poly Sales Africa (Pty.) Ltd
PO Box 3967, Edenvale 1610,
South Africa
Tel: (27) 11 609-3500
E-mail: info@polyflor.co.za

For details on distribution for other countries, as well as up to date product and technical information, please visit WWW.POLYFLOR.COM

POLYFLOR™
COVERING THE WORLD

POLYFLOR LTD. PO BOX 3 RADCLIFFE NEW ROAD WHITEFIELD MANCHESTER M45 7NR UK
UK SALES DIRECT: +44 (0)161 767 1122 UK SAMPLE REQUESTS: +44 (0)161 767 2551
RECEPTION: +44 (0)161 767 1111 UK FAX: +44 (0)161 767 1128
EXPORT FAX: +44 (0)161 767 1166 E-MAIL: INFO@POLYFLOR.COM
WEBSITE: **WWW.POLYFLOR.COM**

James Halstead™ FLOORING

2011

LIT169 02/12