



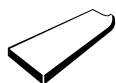
**Vinyl** Luxury Vinyl Tiles

# allura<sup>®</sup> decibel

0.35 | 0.8



50 x 50 cm  
100 x 100 cm



50 x 12.5 cm  
100 x 16.6 cm  
100 x 20 cm  
120 x 20 cm  
150 x 20 cm

creating better environments

**forbo**

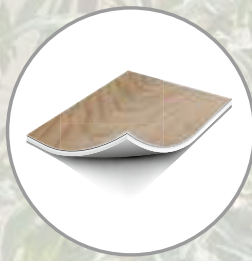
FLOORING SYSTEMS

The image shows an outdoor terrace with a light-colored tiled floor. Three round, blue tables are arranged in a row, each surrounded by four green chairs. The tables are set with a small stack of books or brochures. In the background, there is a white tiled wall with a grid pattern and a planter box containing green plants. The overall scene is bright and modern.

# allura<sup>®</sup> decibel

## *Function meets silence*

Allura decibel combines excellent acoustic performance with outstanding design. It reduces impact sound by up to 19dB while maintaining an exceptionally low indentation - a unique combination for acoustic flooring.



## Comfort, design, and performance in harmony

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With an extensive range of natural and contemporary designs, Allura decibel creates quiet spaces without compromising the aesthetic and stability of the floor. It delivers comfort, style, and performance in one smart flooring solution.

### Comfort without compromises

- **Excellent acoustic properties**, 19dB impact sound reduction for quieter, more comfortable spaces.
- **Outstanding residual indentation** of only 0.11 mm, marks from heels and furniture don't remain visible.
- **High dimensional stability**, the D3S double glass fleece construction ensures a durable, long-lasting floor.
- **Reduced time and cost for installation**, the integrated acoustic backing eliminates the need for a separate underlay.

### Endless design opportunities

- **Design variety**, extensive range of modern patterns and on-trend colours.
- **Authentic natural look**, realistic wood and stone visuals enhanced with 4 sides beveling.
- **A wide range of formats and sizes**, offering endless design freedom.

### Sustainable choice

- **Healthier indoor spaces**, 100% phthalate-free, very low emissions for optimal indoor air quality.
- **Designed for circularity**, loose lay installation with tackifier, easy to remove, repair, recycle, or re-use to minimize waste.
- **Responsible production**, made in Europe with renewable energy and recycled content with reduced environmental footprint. Also available with bio-mass material in decibel b+.

Allura decibel is a flooring solution for any application area, available in 2 different wear layer options: a 0.8 mm version for intensive use and a 0.35 mm version for residential use.



4 sides bevelled

All items in this book  
have 4 bevelled edges.

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### The symbols and abbreviations under the samples explained:

The coloured codes alongside  
each colourway number show  
the availability per construction.



**AD** | allura decibel (0.35/0.8)  
**AD3** | 0.35 **AD8** | 0.8

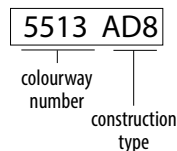


**Only** available in **AD8** | 0.8

#### Example:

To order the weathered serene oak  
with wear layer thickness 0.8 mm.  
Take the colourway number of  
weathered serene oak 5513 and  
add AD8 to the number.

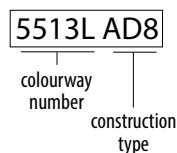
This is how you would specify  
this example order:



#### Large size or Herringbone size:

To order the large size or the  
herringbone size of the weathered  
serene oak with wear layer thickness  
0.8 mm. Take the colourway  
number 5513 and add for the large  
size L or for the herringbone H and  
add AD8, behind the number.

This is how you would specify  
this example order:



#### Allura decibel b+:

All items are available on a made to  
order basis in the Allura decibel b+  
biomass version. To order this  
version just add a B at the end  
of the item number.

For example 5513AD8**B**.

See for more information the  
brochure in this book.



Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



5432 | greige antique oak 6603 | neutral slabstone



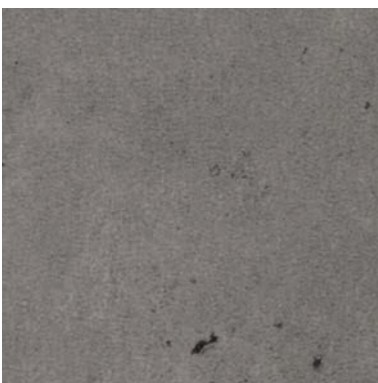
fog slabstone  
6601 | 50 x 50 cm  
6601L | 100 x 100 cm

LRV 36%  
AD  
AD\*



neutral slabstone  
6603 | 50 x 50 cm  
6603L | 100 x 100 cm

LRV 46%  
AD  
AD\*



smoke slabstone  
6602 | 50 x 50 cm  
6602L | 100 x 100 cm

LRV 22%  
AD  
AD\*



silt slabstone  
6604 | 50 x 50 cm  
6604L | 100 x 100 cm

LRV 29%  
AD  
AD\*



greige antique oak  
5432 | 100 x 16.6 cm

LRV 22%  
AD

Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



ivory antique oak  
5401 | 100 x 16.6 cm

LRV 52%  
AD



natural antique oak  
5404 | 100 x 16.6 cm

LRV 36%  
AD



golden harvest oak  
5103 | 100 x 16.6 cm

LRV 27%  
AD



5401 | ivory antique oak

Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



4622 | ash urban concrete 5123 | pure harvest oak



pure harvest oak  
5123 | 100 x 16.6 cm

LRV 29%  
AD



winter harvest oak  
5101 | 100 x 16.6 cm

LRV 25%  
AD



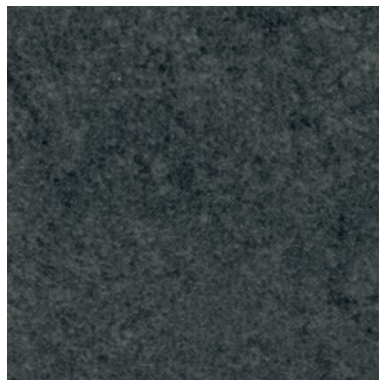
clay urban concrete  
4623 | 50 x 50 cm

LRV 42%  
AD



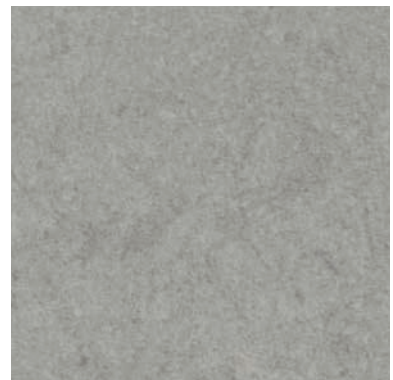
ash urban concrete  
4622 | 50 x 50 cm

LRV 9%  
AD



basalt urban concrete  
4639 | 50 x 50 cm

LRV 9%  
AD



pewter urban concrete  
4632 | 50 x 50 cm

LRV 32%  
AD

Allura decibel 0.35



0.35 mm 3.15 mm

Allura decibel 0.8



0.80 mm 4.00 mm

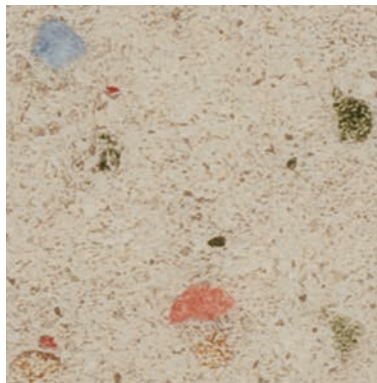


9413 | tan gravelstone



smoke smooth oak  
5301 | 120 x 20 cm

LRV 36%  
AD



beige gravelstone  
9403 | 50 x 50 cm

LRV 48%  
AD\*



desert urban concrete  
4633 | 50 x 50 cm

LRV 37%  
AD



tan gravelstone  
9413 | 50 x 50 cm

LRV 39%  
AD\*





Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



taupe smooth oak  
5323 | 120 x 20 cm

LRV 31%  
AD



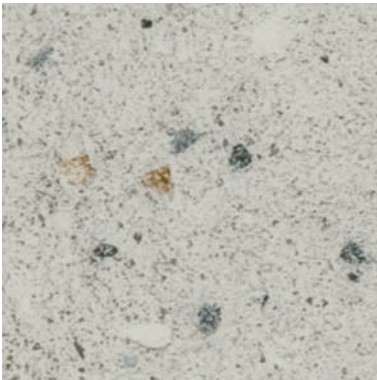
dune smooth oak  
5303 | 120 x 20 cm

LRV 36%  
AD



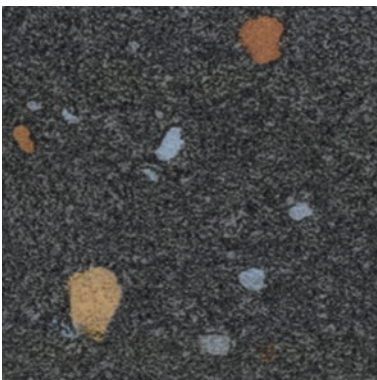
golden smooth oak  
5313 | 120 x 20 cm

LRV 31%  
AD



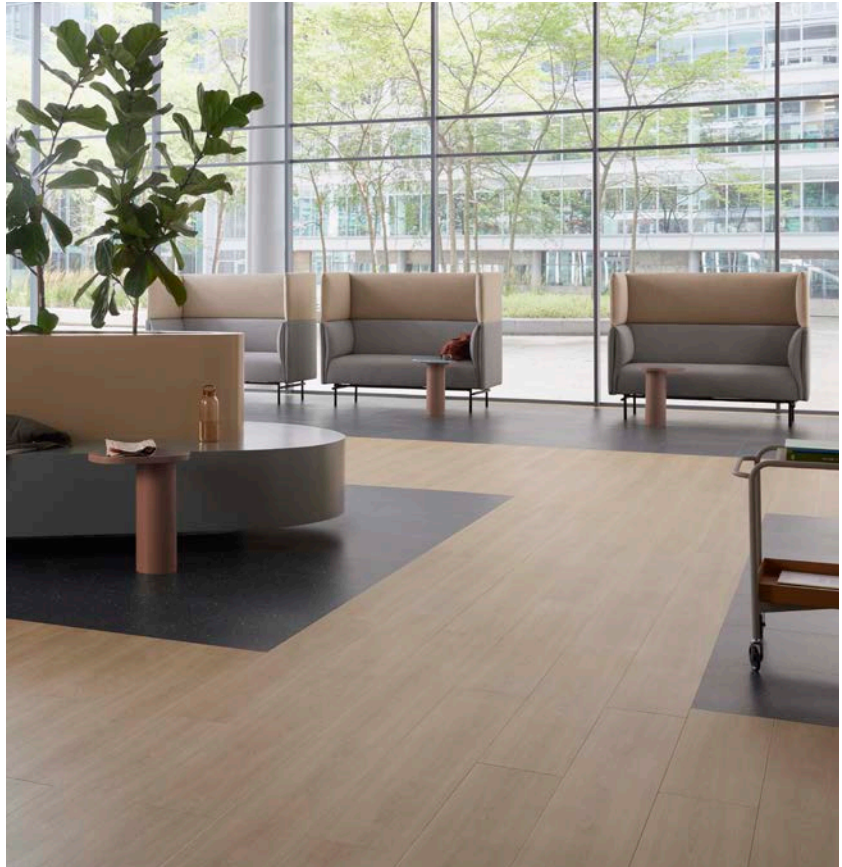
grey gravelstone  
9401 | 50 x 50 cm

LRV 48%  
AD



black gravelstone  
9409 | 50 x 50 cm

LRV 8%  
AD



5313 | golden smooth oak 9409 | black gravelstone

Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



5503H | sun-bleached serene oak 5534H | amber serene oak



sun-bleached serene oak  
5503 | 100 x 20 cm  
5503L | 150 x 20 cm  
5503H | 50 x 12.5 cm

LRV 42%



weathered serene oak  
5513 | 100 x 20 cm  
5513L | 150 x 20 cm  
5513H | 50 x 12.5 cm

LRV 32%



amber serene oak  
5534 | 100 x 20 cm  
5534L | 150 x 20 cm  
5534H | 50 x 12.5 cm

LRV 15%







Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm



9110 | bianco perlino 9568 | pistachio twill



natural twill  
9573 | 50 x 50 cm

LRV 31%  
AD\*



bianco perlino  
9110 | 50 x 50 cm

LRV 63%  
AD\*



chalk Pompeii  
9301 | 50 x 50 cm

LRV 50%  
AD\*



pistachio twill  
9568 | 50 x 50 cm

LRV 28%  
AD\*



sabbia perlino  
9103 | 50 x 50 cm

LRV 42%  
AD\*



sand terrazzo  
9213 | 50 x 50 cm

LRV 42%  
AD\*

Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm

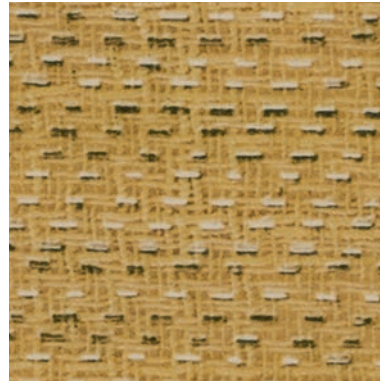


4.00 mm



bronze Pompeii  
9313 | 50 x 50 cm

LRV 34%  
AD\*



ginger twill  
9565 | 50 x 50 cm

LRV 31%  
AD\*



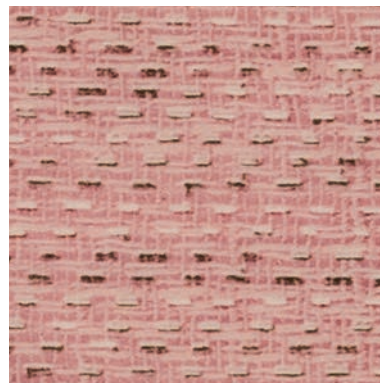
honey authentic oak  
5203 | 100 x 20 cm  
5203H | 50 x 12.5 cm

LRV 32%  
AD  
AD



terra terrazzo  
9243 | 50 x 50 cm

LRV 33%  
AD\*



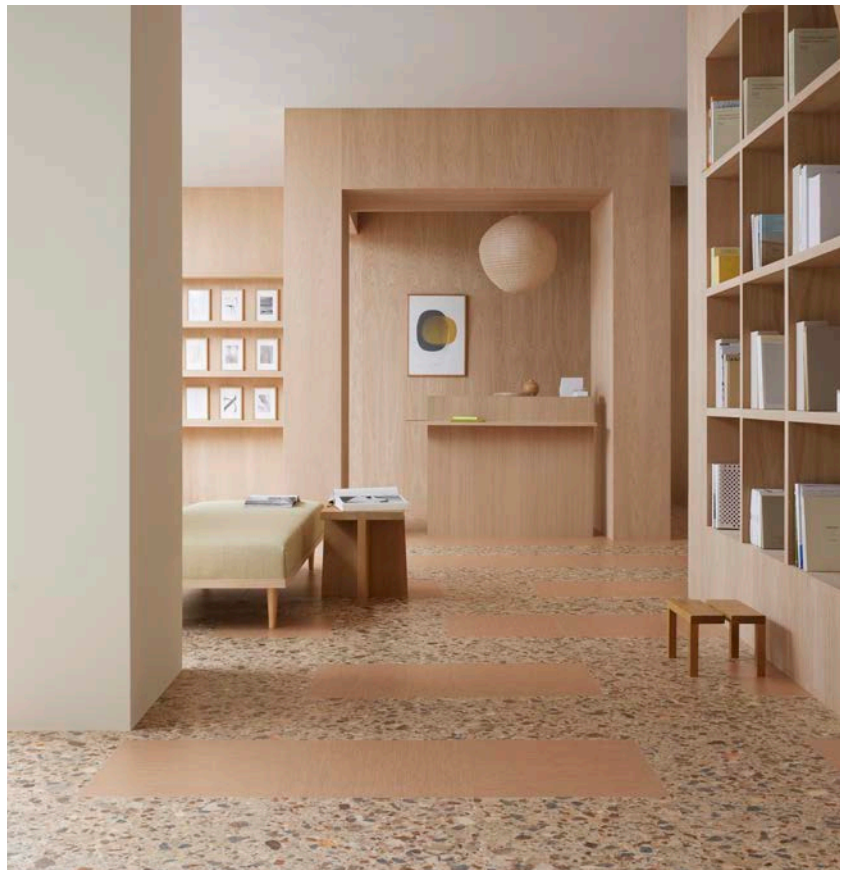
raspberry twill  
9566 | 50 x 50 cm

LRV 36%  
AD\*



classic authentic oak  
5204 | 100 x 20 cm  
5204H | 50 x 12.5 cm

LRV 27%  
AD  
AD



9243 | terra terrazzo 9563 | peach twill



Allura decibel 0.35



0.35 mm



3.15 mm

Allura decibel 0.8



0.80 mm



4.00 mm

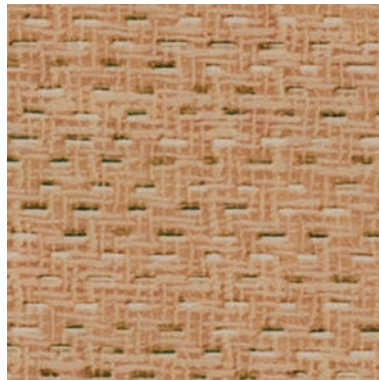


9573 | natural twill 5234H | warm authentic oak



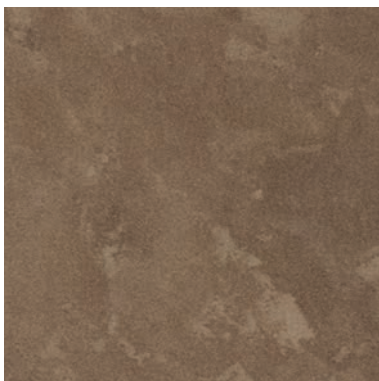
sepia Pompeii  
9303 | 50 x 50 cm

LRV 47%  
AD\*



peach twill  
9563 | 50 x 50 cm

LRV 33%  
AD\*



creta perline  
9104 | 50 x 50 cm

LRV 21%  
AD\*



taupe twill  
9564 | 50 x 50 cm

LRV 25%  
AD\*



warm authentic oak  
5234 | 100 x 20 cm  
5234H | 50 x 12.5 cm

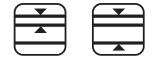
LRV 9%  
AD  
AD

Allura decibel 0.35



0.35 mm 3.15 mm

Allura decibel 0.8

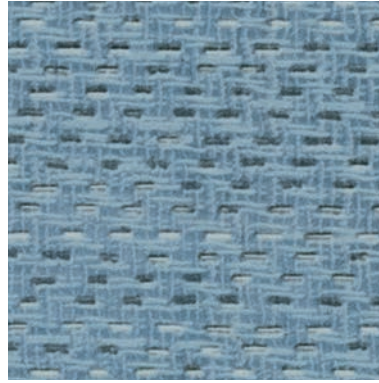


0.80 mm 4.00 mm



pale authentic oak  
5201 | 100 x 20 cm  
5201H | 50 x 12.5 cm

LRV 41%



blue sky twill  
9567 | 50 x 50 cm

LRV 26%



nimbus terrazzo  
9211 | 50 x 50 cm

LRV 51%



anthracite twill  
9569 | 50 x 50 cm

LRV 11%



opal terrazzo  
9212 | 50 x 50 cm

LRV 44%



5201H | pale authentic oak 9567 | blue sky twill 9212 | opal terrazzo



Allura decibel 0.35



0.35 mm 3.15 mm

Allura decibel 0.8



0.80 mm 4.00 mm



5239H | ebony authentic oak 5202H | smoked authentic oak 9109 | nero perlino



grigio perlino  
9101 | 50 x 50 cm

LRV 44%  
AD\*



nero perlino  
9109 | 50 x 50 cm

LRV 6%  
AD\*



smoked authentic oak  
5202 | 100 x 20 cm  
5202H | 50 x 12.5 cm

LRV 23%  
AD  
AD



ebony authentic oak  
5239 | 100 x 20 cm  
5239H | 50 x 12.5 cm

LRV 9%  
AD  
AD



# Technical specifications

Allura decibel meets the requirements of EN ISO 11638



		Allura decibel 0.35 / b+	Allura decibel 0.8 / b+	
	Total thickness	EN-ISO 24346	3.15 mm	4.00 mm
	Wearlayer thickness	EN-ISO 24340	0.35 mm	0.80 mm
	Domestic use	EN-ISO 10874	23	23
	Commercial/light industrial use	EN-ISO 10874	32	34 / 42
	Tile size	EN-ISO 24342	50 x 50 cm	50 x 50 cm / 100 x 100 cm
	Plank size	EN-ISO 24342	50 x 12.5 cm / 100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm / 150 x 20 cm	50 x 12.5 cm / 100 x 16.6 cm / 100 x 20 cm / 120 x 20 cm / 150 x 20 cm
	Packaging per carton tiles		50 x 50 cm: 20 per box (5 m <sup>2</sup> )	50 x 50 cm: 16 per box (4 m <sup>2</sup> ) 100 x 100 cm (on request): 100 per pallet (100 m <sup>2</sup> )
	Packaging per carton planks		50 x 12.5 cm: 30 per box (1.875 m <sup>2</sup> ) 100 x 16.6 cm: 30 per box (4.98 m <sup>2</sup> ) 100 x 20 cm: 27 per box (5.40 m <sup>2</sup> ) 120 x 20 cm: 19 per box (4.56 m <sup>2</sup> ) 150 x 20 cm: 17 per box (5.10 m <sup>2</sup> )	50 x 12.5 cm: 24 per box (1.5 m <sup>2</sup> ) 100 x 16.6 cm: 24 per box (3.98 m <sup>2</sup> ) 100 x 20 cm: 22 per box (4.40 m <sup>2</sup> ) 120 x 20 cm: 16 per box (3.84 m <sup>2</sup> ) 150 x 20 cm: 14 per box (4.20 m <sup>2</sup> )
	Total weight	ISO 23997	2300 g/m <sup>2</sup>	3600 g/m <sup>2</sup>
	Wearlayer binder content	EN-ISO 10582	Type 1	Type 1
	Castor chair continuous use	ISO 4918	Yes	Yes
	Slip resistance	DIN51130	R10	R10
	Acoustical impact noise reduction	EN-ISO 717-2	19dB	19dB
	Residual indentation - typical value	ISO 24343-1	0.12 mm	0.11mm
	Light fastness	ISO 105-B02	≥7	≥7
	VOC emissions	EN 16516	0,01g/m <sup>3</sup>	0,03g/m <sup>3</sup>
	Resistance to chemicals	EN-ISO 26987	Good	Good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.02%	≤ 0.02%
	Surface treatment		Overclean	Overclean XL
	Creating better environments			
	Renewable electricity	Allura decibel is manufactured using 100% energy from renewable sources.		
	Recycled content	Allura decibel 20% recycled content Allura decibel b+ 31% recycled content (mass balance)		
	Allura meets the requirements of EN 14041		EN 14041 CE 0200861-DoP-010	EN 14041 CE 0200861-DoP-010
	Reaction to fire	EN 13501	B <sub>f</sub> -s1, L, NCS	B <sub>f</sub> -s1, L, NCS
	Slip resistance	EN 13893	μ > 0.30	μ > 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	≤ 2kV	≤ 2kV

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.



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creating better environments



FLOORING SYSTEMS