



loose lay design tiles

project vinyl

flex design

The product has a 1 mm transparent wear layer which, in combination with the unique PUR Pearl® finish, gives durable protection, high stain resistance and a hygienic product. It reduces the need for water, detergent and energy in the cleaning process, which means maintenance is easy and low cost. Quick and easy to install, simply using tackifier, saves time and cost.

high quality

**HIGH | ★
QUALITY**



stay flat construction

The specific construction of Flex Design offers durability throughout the product lifetime. The combination of a glass fleece carrier and multiple calandered layers makes it unprecedented in strength, performance and quality. Every part of the construction contributes to the final performance.

**≡ | STAY FLAT
CONSTRUCTION**



design concept

The design concept of the collection has been developed by our experienced international design team. Providing both high-end contemporary and more traditional designs, Flex Design offers the scope to create attractive and unique interiors.

The wood designs are an authentic plank format (100 x 20 cm) and the tiles can be installed in such a way to achieve the desired decorative effect (50 x 50 cm). The natural effect is enhanced with the PUR Pearl® finish which provides a realistic matt surface that is also easy to maintain. Please note arrows on the back of tiles which identify recommended installation direction. Flex Design also complements many of our Tessera and Westbond carpet tile ranges.

**DESIGN | 🏠
CONCEPT**

compliance plus

Flex Design is produced in Europe, where our quality and environmental management systems are certified in accordance with ISO 9001 and 14001. All products are available from stock. This product is compliant with current and known future REACH legislation. The products' emission complies with the highest regulation standards.

**COMPLIANCE
✳️ | PLUS**





easy loose lay

Flex Design is ideal for use in renovation projects, raised access floors or any project where speed of installation is required in permanent or temporary locations. As such the Flex Design loose lay tile collection is ideal for offices, retail and many more application areas and perfectly complements our carpet tile ranges.

**LOOSE
LAY**

flex design

Flex Design is a collection of high quality, dimensionally stable, heterogeneous vinyl tiles that have been specifically designed for loose lay installation. Available in 22 items and 7 different decorative effects. Flex spot, concrete, metallic woven and stone tiles in the collection are 50 x 50 cm square. Flex Wood and Abstract Wood designs are planks at 100 x 20 cm. Gauge is 5 mm with a 1 mm transparent wearlayer and proven PUR Pearl® finish.

Flex Design is:

- High quality
- Quick and easy to loose lay (with tackifier)
- Original in design
- Strong and stable
- Fully EU REACH compliant

abstract wood



seagrass carbon 1648
[100.00 x 20.00]



seagrass timber 1646
[100.00 x 20.00]



seagrass oyster 1644
[100.00 x 20.00]





Abstract wood

To enhance the wood selection, this design is inspired by wood but interpreted in a more abstract way. The linear design is multicolour by nature and has a smooth graining. The colours selected are a fresh light, a mellow mid-tone and an intense dark.

Traditional wood

This group of wood designs forms the base of the collection and come in traditional and authentic wood types, like elegant and classic oak, with the wengé providing added impact. The colour palette of this range is diverse ranging from light to dark including whitewash oak, honey oak and dark rustic oak. The matt surface has a natural looking and characteristic fine woodgrain.



honey oak 1603
[100.00 x 20.00]



ash oak 1602
[100.00 x 20.00]



blond oak 1615
[100.00 x 20.00]



warm oak 1617
[100.00 x 20.00]



dark wengé 1616
[100.00 x 20.00]

wood



grey sand 1655
[50.00 x 50.00]



light sand 1654
[50.00 x 50.00]



cool sand 1656
[50.00 x 50.00]



dark sand 1657
[50.00 x 50.00]

spot



shell stone 1675
[50.00 x 50.00]



cement stone 1673
[50.00 x 50.00]

stone

For the important stone group there are a number of different design characteristics. Next to the contemporary concrete design, there is also a fine sand all-over look and a classic terrazzo interpretation. All in easy to integrate contemporary colourways ranging from neutral tones and cool greys to dark anthracite colours.



concrete grigio 1633
[50.00 x 50.00]



concrete sabbia 1631
[50.00 x 50.00]



concrete natural 1632
[50.00 x 50.00]



concrete nero 1634
[50.00 x 50.00]

concrete



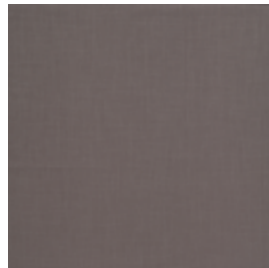
blue steel weave 1663
[50.00 x 50.00]



rusty weave 1661
[50.00 x 50.00]



graphite weave 1664
[50.00 x 50.00]



silver weave 1662
[50.00 x 50.00]



Bringing something different to the Flex Design collection is this modern metallic woven look. Presenting a soft textured effect, it comes in 4 different muted metal colours. The allover design complements many of our carpet tile ranges especially the broadloom appearance.

metallic

Installation

For the best result, professional installation is recommended. Before installation, the subfloor must be permanently dry, smooth, level, clean and of sound construction. These planks and tiles must be allowed to condition at 18 °C - 27 °C for 24 hours before installation and the temperature maintained during laying.



Before installation the sub floor must be dry, rigid and smooth. Leveling is required when this is not the case.



Ascertain the center of the room by drawing two perpendicular lines on the floor.



Place the Flex Design tile or plank on the floor, on top of the tackifier.



When approaching the wall draw the required correct size of the tile or plank.

flex design

Flex Design meets the requirements of EN 651

	Total thickness	EN 428	5,00 mm
	Thickness of wearlayer	EN 429	1,00 mm
	Collection size		22
	Commercial very heavy	EN 685	Class 34
	Light industrial general	EN 685	Class 42
	Tile Size	EN 427	50 x 50 cm
	Plank Size		100 x 20 cm
	Squareness and straightness	EN 427	≤ 400 mm: ≤ 0,25 mm ≥ 400 mm: ≤ 0,35 mm
	Total weight	EN 430	ca. 6550 gr/m ²
	Packaging per carton: tiles		2,5 m ² = 10 pcs
	Packaging per carton: planks		2,0 m ² = 10 pcs
	Abrasion resistance	EN 660-1	Group T
	Slip resistance	DIN 51130	R10
	Acoustical impact noise reduction	EN ISO 717-2	12 dB
	Castor chair continuous use	EN 425	Superior
	Indentation-residual	EN 433	≤ 0,13 mm
	Light fastness	ISO 105-B02	Blue scale 6/7
	Resistance to chemicals	EN 423	Very good
	Dimensional stability	EN 434	≤ 0,10%
	Heat insulation	EN 12664	0,0257 m ² K/W
	Heat dissipation	DIN 52614	W1:37 / W10:230

Flex Design meets the requirements of EN 14041

	Reaction to fire	EN 13501-1	B _{fl} S1
	Slip resistance	EN 13893	DS: ≥ 0,3
	Thermal conductivity	EN 12524	0,25 W/m ² K
	Body voltage	EN 1815	≤ 2,0 kV

The quality and environmental management system of Forbo - Novilon B.V. (NL) where Flex Design is manufactured, is certified in accordance with ISO 9001 and ISO 14001.





Recommended adhesives

Flex Design Loose Lay Tiles are recommended to be installed with a tackifier. Our recommended adhesive for the Flex Design collection is Eurofix Tack Plus 542. Please contact customer services for further information.

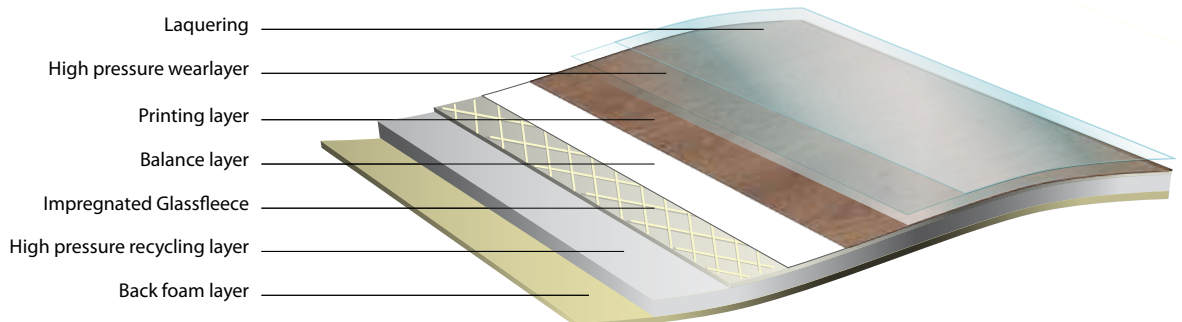
Service products

As a total flooring solutions provider, Forbo offers a collection of products to complement the installation, finishing and maintenance of our products. An optimal assortment of adhesives, levelling compounds, primers, subfloors and installation tools can be offered.



Product build up

Flex design consists of pure functional layers, each conceived for their task, ensuring optimal performance. The core of the product is an impregnated glass fleece carrier, giving superior dimensional stability, flexibility, strength and allowing for tension release. A backing with 2 components: a Forbo specific foamed backing for loose lay function and solid backing with over 50% recycled content for balance, comfort and strength. On top a transparent calandered wearlayer delivers superior strength, durability, balance and clear visibility.



Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring, bonding and movement systems, and offers a full range of flooring products for both commercial and residential markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any environment.



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