



Luxury modular flooring

novilon[®] flex



creating better environments

Forbo
FLOORING SYSTEMS

novilon® flex

INNOVATION DESIGN

- Beautiful wood and stone designs offered across multiple plank and tile formats
- Realistic embossing structures bring every Novilon flex design to life
- Available in a variety of sizes and long boards

DURABILITY PERFORMANCE

- A heavy duty 1.0mm wear layer that will protect against scratches and stains and offers lifetime best in class performance and appearance retention
- Excellent dimensional stability stopping seam gaps appearing over time thanks to superior product engineering
- Outstanding acoustic performance in multi residential projects surpassing BCA requirements.
- Proven PUR Pearl finish for easy cleaning
- LIFETIME residential & 15 year commercial warranty

SUSTAINABLE EASY

- Manufactured with green electricity and 100% phthalate free
- >25% controlled recycled content in back layer for consistent performance
- Easy to clean and maintain thanks to a specially embossed PUR pearl top-layer



Novilon Flex is 100% phthalate free, REACH* compliant and produced in Europe with low emission levels. The best in class dimensional stability ensures safe and hygienic floors as dirt isn't trapped in the seams. Available in natural stress reducing designs and high LRV's, choosing Novilon means you are choosing to create better indoor & outdoor environments.

*Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) address the production and use of chemical substances and their potential impacts on both human health and the environment.



9057 | grey autumn oak*
*designed with natural colour variation

NOVILON FLEX WOOD

Forbo's Novilon Flex wood luxury vinyl planks combine the warm feeling of a natural wooden floor with the unique characteristics of strong and durable LVT. The planks are dimensionally stable and the matte surface has a natural looking characteristic fine wood grain with a true to life embossing. Excellent acoustics and comfort.

1604 | whitewash elegant oak



1604 120 x 20 cm
whitewash elegant oak



1605 120 x 20 cm
honey elegant oak



1682 120 x 20 cm
light rustic oak



9075 | grey collage oak



9073
golden collage oak 120 x 20 cm



9074
natural collage oak 120 x 20 cm



9075
grey collage oak 120 x 20 cm



1670
central oak



1671
light honey oak



1672
deep country oak



1672 | deep country oak



9084 | natural giant oak



9080
grey giant oak

150 x 28 cm



9084
natural giant oak

150 x 28 cm

NOVILON FLEX STONE

Forbo's Novilon Flex stone luxury vinyl tiles have the look of natural stone and concrete floors yet with the comfort and warmth underfoot of LVT. Silent acoustics and are 100% dimensionally stable. The subtle, neutral stone designs provide opportunities for all types of interior spaces.



1506 | taupe sand



1632
natural concrete

50 x 50 cm



1633
grigio concrete

50 x 50 cm



1634
nero concrete

50 x 50 cm



1506
taupe sand

50 x 50 cm



1508
white sand

50 x 50 cm

1633 | grigio concrete

EASY INSTALLATION

Novilon Flex is ideal for use in new builds, or any project where ease of installation is required in permanent or temporary locations. The Novilon flex collection is ideal for residential homes, units retail stores and restaurants.

1. For optimal results, before installation the sub floor must be dry, rigid and smooth. Levelling is required when this is not the case. As a guide follow the Australian AS 1884-2012, resilient sheet and tiles installation practices standard.

2. Make sure the planks are acclimatised in the space for at least 24 hours between 18-27°C. Determine the centre of the room by drawing two perpendicular lines on the floor.

3. Use the correct adhesive for the application either Forbo PS1 pressure sensitive with a V1 trowel size or where heavy traffic a hard-set adhesive Forbo Fix 540. Place the Novilon Flex tile or plank into the adhesive at the correct time instructed. Minimise gaps and roll with a heavy roller (34kg plus & 2-3 wheeled) in both directions. For Hungarian Point a hard-set adhesive is recommended.

Hungarian Point

See separate installation guidance note and a scale template is available to minimise wastage.

Outstanding Acoustic Performance

Forbo Novilon Flex has achieved market leading acoustic test results and surpasses BCA impact sound reduction requirements and often without the need for an underlay. Test results in a multi residential building achieved a result of less than 45 LnTw with a 200mm thick slab and 100mm ceiling space. BCA requirement is LnTw of 62 or less. Ideally for most body corporate entities a result of 55 LnTw or less. For more information or test certificates contact Forbo Flooring Systems or your retailer.



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

For a well finished floor

1. Make sure all sub floors are in satisfactory condition.

2. Install materials under proper site conditions.

3. Where applicable, use only Forbo approved adhesive.

4. If in any doubt or you require further advice please contact your local sales representative or contact Forbo customer service.

Adhesives

Novilon Flex luxury modular flooring should be installed with approved tackifier or hard set adhesive. Please contact customer service or visit the Forbo website 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. We

recommend a neutral pH cleaner called Monel to keep the floor looking good. An optimal assortment of adhesives, levelling compounds, primers, sub floors, acoustic underlay and installation tools can also be offered.

Product engineering

Novilon Flex consists of several engineered functional layers, each performing a specific task, ensuring optimal performance. The core of the product is a double thick glass fleece carrier, giving superior dimensional stability, flexibility, strength and allowing for tension release. It is not a pressed system that can often cause gaps and peaking.

A purpose made backing with two components: a Forbo specific dense foam for acoustic performance and a solid backing with over 50% recycled content for balance, comfort and strength. On top a 1.0mm double thick transparent calendared wear layer well above usual market offer that delivers superior strength, balance and life long durability.

A patent PUR PEARL surface finish that protects against scratches, stains and has a realistic matte visual.



Technical specifications

Novilon Flex meets the requirements of EN 651

	Total thickness	EN-ISO 24346	5 mm
	Wear layer thickness	EN-ISO 24340	1 mm
	Collection size		16
	Domestic use	EN-ISO 10874	23
	Commercial/light industrial use	EN-ISO 10874	34/42
	Tile size	EN-ISO 24342	50 x 50 cm
	Plank size	EN-ISO 24342	100 x 20 cm / 120 x 20 cm / 150 x 28 cm
	Packaging per carton tiles		2.5 m² (10 pcs)
	Packaging per carton planks		2.0 m² (10 pcs) / 2.4 m² (10 pcs) / 2.52 m² (6 pcs)
	Squareness and straightness	EN-ISO 24342	< 400 mm ≤ 0.25 mm > 400 mm ≤ 0.35 mm
	Total weight	ISO 23997	ca 6550 g/m²
	Wear layer binder content	EN-ISO 10582	Class T
	Acoustical impact noise reduction	EN ISO 717-2	L _n ,T,w sound reduction of 18dB on 200mm slab with 100mm suspended ceiling no underlay. Consult Forbo for acoustic reports for your building.
	Castor chair continuous use	ISO 4918	Superior
	Residual indentation <i>Typical value</i>	ISO 24343-1	≤ 0.20 mm ~ 0.11 mm
	Light fastness	ISO 105-B02	≥ 6
	VOC emissions	ISO 16000-9	≤ 110 µg/m³
	Resistance to chemicals	EN-ISO 26987	Very good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.05%

Novilon Flex meets the requirements of EN 14041



EN 14041

	Reaction to fire	AS 9239-1	CRF 6.6 kW/m² Smk Dvlp 426%.min
	Slip resistance	AS 4586:2013	R10
	Thermal conductivity	EN 12524	0.25 W/mK
	Body voltage	EN 1815	< 2 kV

Recommended adhesives

Novilon Flex should be installed using a high grab tackifier adhesive, Forbo recommends PS1 tackifier adhesive. However, in high foot traffic areas use a hard set adhesive such as Forbo Fix 540.



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**COMMITTED
TO THE HEALTH
OF ONE**

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Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring 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 you total flooring solutions for any environment.

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