



















Luxury modular flooring

novilon[®] flex

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 m ² (10 pcs)
	Packaging per carton planks		2.0 m ² (10 pcs) / 2.4 m ² (10 pcs) / 2.52 m ² (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/m ²
	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/m ³
	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/m ² 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.