



## Moduleo 55 Tiles

The IVC Commercial collection Moduleo 55 Tiles is a modular floorcovering in a glue down installation, compliant with ISO 10582, designed and manufactured in Belgium.

Moduleo 55 Tiles has a total thickness of 2,5 mm. The product construction consists of multiple layers, laminated by high pressure. The product has a compact calendared backing, a 0,55 mm thick transparent wear layer and two layers of glass fibre resulting in excellent dimensional stability. The Protectonite® surface treatment, gives a matt finish and protects the floor against stains and scratches.

This product is suited for commercial use with a level of use of 33 – 42 (ISO 10874).

The collection consists out of 52 tile designs. The following sizes are available: 49,3 x 49,3 cm, 60,96 x 60,96 cm, 32,9 x 65,9 cm, 43,4 x 86,8 cm and 15,8 x 63,2 cm. In production 2 m wide and 1,5 m circumference print cylinders are used, making sure there is a minimal repetition in planks. For an even more authentic look, the product has four bevels.

Moduleo 55 Tiles needs to be glued to the ground or can be installed on a self-adhesive FlexPro® underlay. When installed on FlexPro®, the acoustic insulation improves from 3 dB to 10 dB.

The backing of the product consists up to 35% recycled content and the entire product is 100% recyclable. The manufacturing of Moduleo 55 Tiles makes use of renewable energy. Through Life Cycle Assessment (LCA) the Environmental Profile Declarations (EPD) for the entire life cycle of IVC Commercial floors are defined. An externally licensed assessment agency calculated the products' contributions to BREEAM, LEED, WELL, DGNB and Greenstar. The product contributes positively to environmentally accredited buildings and projects. The manufacture of floors releases low concentrations of VOCs (volatile organic compounds). Thanks to end-of-pipe technology and a vigilant testing and monitoring programme, the strictest European regulations and anti-pollution laws are met.

Thickness	EN-ISO 24346	2,5 mm
Thickness wear layer	EN-ISO 24340	0,55 mm
Residential use	EN-ISO 10874	23
Commercial use	EN-ISO 10874	33
Total weight	EN-ISO 23997	4059 g/m <sup>2</sup>
Squareness & straightness	EN-ISO 24342	≤ 0,35 mm
Dimensional stability	EN-ISO 23999	≤ 0,05%
Inflammability	EN 13501	Bfl-S1
Acoustic insulation $\Delta L_w$	EN-ISO 717-2	3 dB
Acoustic insulation with FlexPro self-adhesive underlay $\Delta L_w$	EN-ISO 717-2	10 dB
Slip resistance	EN 13893	R10
Slip resistance	DIN 51130	DS
Residual indentation	EN-ISO 24343-1	Average measured value 0,03 mm



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Castor chair resistance	EN-ISO 4918	No damage to wear layer, no delamination
Electrostatic performance	EN 1815	< 2 kV
Thermal resistance R	EN 12664	0,01 m <sup>2</sup> .K/W
Stain resistance	EN-ISO 26987	Very good
Scratch resistance	EN-ISO 660-2	Class T
Light fastness	EN-ISO 105-B02	≥ 6
Underfloor heating	EN 12524	Suitable, max 27 °C

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