

# Moduleo Roots

## Technical Datasheet

### Product Information

Product norm	ISO 10582		
Level of use	EN ISO 10874	23 - 32	23 - 33
Total thickness	EN ISO 24346	2,35 mm	2,50 mm
Wear layer	EN ISO 24340	0,40 mm	0,55 mm

### Size & Packing

Total weight g/m <sup>2</sup>	EN ISO 23997	3821 g/m <sup>2</sup>	4059 g/m <sup>2</sup>
Planks Large	EN ISO 24342	-	149,8 x 21,4 cm
Planks Standard	EN ISO 24342	132 x 19,6 cm	132 x 19,6 cm
Planks Herringbone	EN ISO 24342	-	63,2 x 15,8 cm
Tiles Large	EN ISO 24342	-	98,6 x 49,3 cm
Tiles Standard	EN ISO 24342	65,9 x 32,9 cm	65,9 x 32,9 cm
Tiles Square	EN ISO 24342	-	49,3 x 49,3 cm
Box planks Large	-	-	10 pcs/box - 3,21 m <sup>2</sup>
Box planks Standard	-	15 pcs/box - 3,88 m <sup>2</sup>	14 pcs/box - 3,62 m <sup>2</sup>
Box planks Herringbone	-	-	24 pcs/box - 2,40 m <sup>2</sup>
Box Tiles Large	-	-	10 pcs/box - 4,86 m <sup>2</sup>
Box Tiles Standard	-	18 pcs/box - 3,90 m <sup>2</sup>	16 pcs/box - 3,47 m <sup>2</sup>
Box Tiles Square	-	-	14 pcs/box - 3,40 m <sup>2</sup>

### Test Results

Inflammability	EN 13501-1	Bfl-S1	
Scratch resistance	EN 16094	MSR-A2 MSR-B1	
Squareness & straightness	EN ISO 24342	≤ 400 mm: ≤ 0,25 mm   > 400 mm: ≤ 0,35 mm	
Slip resistance	EN 13893	DS	
Slip restraint	EN 16165 annex B	R9-10	
Residual indentation	EN ISO 24343-1	Norm: ≤ 0,10mm Average measured production value: 0,03mm	
Furniture leg resistance	EN 424	No damage (tested with foot type 0)	
Curling	EN ISO 23999	Norm: ≤   2   mm. Result: ≤   2   mm	
Dimensional stability	EN ISO 23999	Norm: ≤   0,25   % Average measured production value: ≤   0,05   %	
Heat insulation	EN ISO 10456	0,27 W/(m.K)	
Thermal resistance R	EN 12667	0,01 m <sup>2</sup> . K/W	
Electrostatic performance	DIN EN 1815	< 2 kV	
Formaldehyde group	EN 717-1	E1	
Acoustic insulation	EN ISO 717-2	3 dB	
Acoustic insulation + Xtrafloor Flex Pro underlay	EN ISO 717-2	10 dB	
Castor chair resistance	EN ISO 4918	No damage to wearlayer, no delamination	
Stain resistance	ISO 26987:2012	Good	
Light fastness	EN 105-B02	≥ 6	
Underfloor heating	-	Suitable, max 27°C	
Bevel technology	-	4 edge micro bevel	
Warranty years	-	20 years	25 years

The warranty covers manufacturing defects and premature wear in the event of normal use. Unilin reserves the right to change or amend any written information without notice. Ensure the latest information is being consulted by referring to the website. We reserve all rights for technical improvements. Photographic images are not representative due to variations in colour printing. The representative samples shown are sectional definitions. For full design representation, please visit the website.



EN14041: 2004 / AC:2006  
Heterogeneous PVC Floorcoverings  
ISO 10582:2018