

Test	Rinato™ Natural		Rinato™ Victoria		Rinato™ Classic	
	Test method	Value	Test method	Value	Test method	Value
Slip resistance	EN 15534-1	Wet value: 50	BS 7976-2: 2002 + A1:2013	Dry value: 52 Wet value: 37 <i>Groove Option Only</i>	BS 7976-2: 2002 + A1:2013	Dry value: 52 Wet value: 37 <i>Groove side only</i>
Reaction to fire	EN ISO 11925	Bfl-s1	EN 13501-1:2007+A1:2009	Cfl-S1, d0	EN 13501-1:2007+A1:2009	C -s1
Swelling	–	–	EN 15534-4:2014 Section 4.5.5	0.5% thickness 0.1% width 0.1% length	EN 15534-4:2014 Section 4.5.5	0.5% thickness 0.1% width 0.1% length
Water absorption	ISO62:2008	0.73%	EN 15534-1:2014 Section 8.3.1	0.5%	EN 15534-1:2014 Section 8.3.1	0.5%
Resistance to indentation	EN 15534-1:2014 Section 7.5 EN 15534-4:2014 Section 4.5.7 EN 1534:2010	Brindell hardness: 79 MPa Rate of elastic recovery: 54%	EN 15534-4:2014 Section 4.5.7 EN 15534-4:2014 Section 4.5.7	Brindell hardness: 104 MPa Rate of elastic recovery: 74%	EN 15534-4:2014 Section 4.5.7 EN 15534-4:2014 Section 4.5.7	Brindell hardness: 104 MPa Rate of elastic recovery: 74%
Impact resistance	–	–	EN 15534-1:2014 Section 7.1.1	Charpy impact strength: 4.4 kJ/m2	EN 15534-1:2014 Section 7.1.1	Charpy impact strength: 4.4 kJ/m2
Flexural properties	–	–	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	2925.76 N	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	4189.42 N
Bending strength	ISO 527-1:201	19 MPa	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	21.50 MPa	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	26.81 MPa
Modulus of elasticity	–	–	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	1717.26 MPa	EN 15523-1:2014 Section 4.5.2 EN 15534-4:2014 Annex A	4088 MPa
Linear thermal expansion	–	–	ASTM D696-16	Mean value: 43.8 x10-6/°C	–	–
Resistance to artificial weathering UV 2000 Hours	ISO 4892-2:2013 cycle 1	Exposure time 2000 Hrs Grey scale: 4-5	ASTM D7032-17 Section 4.6 ASTM G154-16 Cycle 1	Exposure time 2000 Hrs Grey scale: 3-4	ASTM D7032-17 Section 4.6 ASTM G154-16 Cycle 1	Exposure time 2000 Hrs Grey scale: 3-4
Freeze / thaw resistance	–	–	ASTM D7032-17 Section 4.7 ASTM D6109-10	MOR: 36.7 MPa Change -3.2% MOE: 4386 MPa Change 0.9%	ASTM D7032-17 Section 4.7 ASTM D6109-10	MOR: 36.7 MPa Change -3.2% MOE: 4386 MPa Change 0.9%
Density	ISO1183-1:2012	1.177g/cc	ASTM D792.13 Method A	Mean value: 1.35 g/cm3	ASTM D792.13 Method A	Mean value: 1.35g/cm3

Whilst every effort has been made to ensure the accuracy of the information supplied. F.H. Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H. Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.