



DEFENDER CT

Product Specification

Issue 2020.v1



Quadrant

Product Specifications		
<i>Format</i>		Tiles (bitBAC)
<i>Description</i>		Loop Pile Carpet with Dirt & Moisture Control
<i>Pile Fibre</i>		100% Econyl Nylon with Monofilament Scraper
<i>Dye Method</i>		Solution Dyed
<i>Method of Manufacture</i>		Tufted
<i>Machine Gauge</i>		1/10 th
<i>Pile Weight</i>		800 g m ²
<i>Tuft Density</i>		154,050 m ²
<i>Pile Height</i>		3.0 mm
<i>Total Thickness</i>		6.2 mm
<i>Total Weight</i>		4,330 g m ²
<i>Backing</i>		Modified Bitumen
<i>Product Size</i>		500 mm x 500 mm
<i>Pack Size</i>		20 Tiles 5 m ² per box
<i>Availability</i>		Stocked
<i>Minimum Order Quantity</i>		1 box 5 m ²
<i>Recommended Laying Pattern</i>		Monolithic
<i>Installation Method</i>		Loose-Lay on Tackifier
<i>Recommended Adhesives</i>	<i>F Ball & Co</i>	F41
	<i>Uzin</i>	U2100 Universal Tackifier
<i>Lead Time</i>		Ex-Stock 2 Weeks Ex-Production 4-6 Weeks

Performance Specifications		
<i>Format</i>		Tiles (bitBAC)
<i>Wear Rating</i>	<i>EN 1307</i>	33 Heavy Commercial Use
<i>Castor Chair Rating</i>	<i>EN 985</i>	≥ 2.4r Continuous Use
<i>Flammability Rating</i>	<i>EN 13501-1:2020</i>	B _{FL} S1
<i>Impact Sound Insulation</i>	<i>EN ISO 10140</i>	ΔL _w 22 dB
<i>Sound Absorption</i>	<i>EN ISO 11654</i>	α _w 0.15
<i>Thermal Resistance</i>	<i>EN 12667:2001</i>	< 0.17 m ² kW Suitable for UFH
<i>Electrostatic Properties</i>	<i>EN ISO 6356</i>	≤ 2 kV Antistatic
<i>Colourfastness to Light</i>	<i>ISO EN 105-B02</i>	> 5 (on a scale of 1-8)
<i>Formaldehyde Emissions</i>	<i>EN 717-1:2005</i>	Class E1
<i>VOC Emissions</i>	<i>BREEAM GN22 v2.3 2018</i>	Meets Exemplary Criteria
<i>EPD</i>	<i>ISO 14025 EN 15804</i>	EPD-BAL-20170200-EN
<i>LEED v.4 Compliance</i>	<i>Potential Credits</i>	Materials & Resources
		Indoor Environmental Quality