

BARNETT T1&T2

ESD compact homogeneous vinyl flooring tile

TECHNICAL DATA ^[1]		BARNETT T1	BARNETT T2
Thickness	EN 428	2.0mm 3.0mm	2.0mm 3.0mm
Wear layer thickness	RN 429	2.0mm 3.0mm	2.0mm 3.0mm
Width	EN 426	600mm*600mm 610mm*610mm (Customize)	600mm*600mm 610mm*610mm (Customize)
Weight	EN 430	4000g/m ² (2.0mm) 6000g/m ² (3.0mm)	4000g/m ² (2.0mm) 6000g/m ² (3.0mm)
Plastisizer type ^[1]	EN 14372	Phthalate-free	Phthalate-free
Surface type		Water polished	Water polished
Static electrical propensity	EN 1815	<2kV	<2kV
Electrical resistance	DIN 51953	Conductive, 10 ⁴ ≤Ω≤10 ⁶	Conductive, 10 ⁴ ≤Ω≤10 ⁶
Electrical resistance (customize)	DIN 51953	Static-dissipative, 10 ⁶ ≤Ω≤10 ⁹	Static-dissipative, 10 ⁶ ≤Ω≤10 ⁹
Wear resistance	EN 429	P	P
Abrasion resistance	ASTM D4060	0.0987g	0.0987g
Hardness	ASTM D2240	65 Type D / 1sec	65 Type D / 1sec
Fire rating	EN13501	Bfl-s1	Bfl-s1
Slip resistance	DIN 51130	R9	R9
Dimension stability ^[2]	EN 434	≤0.1%	≤0.1%
Residual indentation ^[3]	EN 433	0.01mm	0.01mm
Stain and chemical resistance	ISO 26987-2012	Pass	Pass
Critical radiant flux ^[4]	ASTM E648-2019a	1.1W/cm ²	1.1W/cm ²
Smoke density	ASTM E662-2021a	≤450	≤450
Flexibility	ASTM F137	Pass	Pass
TVOC	ISO 16000	< 10µg/m ³	< 10µg/m ³
Cleanroom test	ASTM F24	Class A	Class A
Raised floor applicability		Suitable	Suitable
Structure	High-density homogeneous layer with carbon-black lines inside		
Colors	8 non-directional pattern designed colors (4 in T1 and 4 in T2 according to color codes)		
Installation method	Full spread adhesive		
Seaming method	Heat welded with welding rod with copper foil		
Applications	Interior commercial and industrial areas with strict static control requirement		
Package and loading	2mm: 25pcs per box, 44boxes per pallet, 12pallets per 20ft GP, in total 4752sq.m. 2mm: 25pcs per box, 40boxes per pallet, 16pallets per 40ft GP, in total 5760sq.m. 3mm: 17pcs per box, 44boxes per pallet, 12pallets per 20ft GP, in total 3231.36sq.m. 3mm: 17pcs per box, 39boxes per pallet, 17pallets per 40ft GP, in total 4057.56sq.m.		
Available accessories	Self-leveling / Primer / Conductive adhesive / Copper foil / Welding rod / PVC Skirting		

[1] Globalflor adopts environment friendly type plasticizer DOTP only for the production.
[2] Test standard required value ≤0.4%, best measured value 0.05%. For information, not binding.
[3] Test standard required value ≤0.1mm, best measured value 0.01mm. For information, not binding.
[4] Test standard required value ≥0.45W/cm2 (Class 1), best measured value 1.1W/cm2. For information, not binding.