



3D Tiles

PRODUCT DESCRIPTION

- 3D tiles provide excellent sound absorption as well as a contemporary element as wall art.
- These highly durable tiles are also lightweight and easy to install.

PHYSICAL PROPERTIES

Name	Thickness (mm)	Width x Length (mm)	Weight per panel (g/m ²)	Material	Tile Tolerance	Depth Tolerance
S-5.26	80mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.28	58mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.32	50mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.34	58mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.53	60mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.37	140mm	575mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)
S-5.46	120mm	498mm x 575mm	1680 g/m ²	100% polyester fibres (PET)	(+/-0.5mm)	(+/-0.5mm)

IN ACCORDANCE WITH THE FOLLOWING STANDARDS

- ISO 9705:1993 (fire rating) as required by NZBC C/VM2
- AS ISO 9705:2003 (fire rating) in accordance with AS 5637:2015, as required by BCA C1.10-4
- EN13501-1:2007 + A1:2009 (fire rating)
- ASTM E84-14 (fire rating)
- ASTM D5116 (VOC emissions)
- ASTM C1104 / C1104M-13a (water vapour sorption)
- ASTM G21-15 (microbial resistance)
- ISO 105-B02:2014 (colour fastness to light)
- ISO 105-X12:2016 (colour fastness to rubbing)

GENERAL PHYSICAL PROPERTIES

3D Tiles	
Fire class/fire hazard properties	Group 1-S Smoke production rate: <5.0m ² /s Group 1 SMOGArc: <100m ² /s ² B – s1,d2 Class A, FS:0 – SD:10
VOC Concentration	Certified Low VOC with no chemical binders (no Red List chemicals) VOC Concentration: 0.009mg/m ³ (7 days)
Allergenic/non-allergenic	Safe, non-toxic, non-allergenic and non-irritable
Water Vapour Sorption	Test conditions: 49°C, 95% RH Water vapour absorbed and adsorbed after 4 days: 0.4% by weight
Microbial Resistance	Growth rating: 0 (no growth)
Colour Fastness to Light	Rating: 6 (Highest = 7)
Colour Fastness to Rubbing	Dry rating: 4-5 Wet rating: 4-5 (Highest for both = 5)
NRC (Noise Reduction Coefficient)	0.75, if backed with Autex AAB – 0.90
Sound Absorption Class	Class C; if backed with Autex AAB – Class A

