

Product :	Ecolite™ 20%	Grade :	SLRVXR1xx
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Status⁴ :	Commercial	Revision :	1	Date :	31-Aug-2023
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General Description

Made in the USA, Azdel Composite Panels are constructed using a blend of polypropylene and fiberglass, creating an extremely strong and lightweight wall. The board is usually combined with outer layers as needed for the application. Azdel is a Light-Weight Reinforced Thermoplastic (LWRT) material with many advantages over standard, wood panels.

Construction Code	Surface A	Surface B
GG	23 gsm scrim	23 gsm scrim

Typical Properties¹

Property	Test Method	Unit	Target Value
Sheet Thickness (as produced)	WI-LAB-056	mm	2.7
Basis Weight (mass-per-unit-area)	WI-TL-0033	g/m ²	1006
MD ² Stiffness	ASTM D 790	N/mm	11.5
CD ³ Flex. Stiffness	ASTM D 790	N/mm	8.5
MD ² Flex. Peak Load	ASTM D 790	N	25.3
CD ³ Flex. Peak Load	ASTM D 790	N	21.7
Cobb Test	WI-TL-0052	%	8.5
Water Repellency	WI-TL-0053	dynes/cm	32
Z direction FWT - Ambient	ASTM C297	N	1028
Resistance to Compression	ISO 14126	Mpa	5679.3

Notes

1. Measured on flat plaques.
2. MD = Properties measured in the as manufactured Machine Direction.
3. CD = Properties measured perpendicular to the as manufactured Machine Direction (i.e.; Cross Machine.)
4. This data was compiled from one small-sample testing conducted at Hanwha Azdel and is provided with the intent of offering representative information only. The data has not been independently validated. Hanwha Azdel expressly disclaims any warranty of merchantability or fitness for a particular purpose, and no statement by any representative of Hanwha Azdel, including the data provided herein, is to be construed as creating any warranty, express or implied. Hanwha Azdel warrants only that its materials will conform to agreed specifications. Hanwha Azdel is a provider of raw materials; users of Hanwha Azdel's material must evaluate the suitability of Hanwha Azdel material for any use, design, or application through its own independent testing, the result of which Hanwha Azdel does not guarantee.

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