

# TECHNICAL DATA SHEET

## Materials Specifications for materials used in Wallprotex™ Wall Protection Products

### Copolymer (PETG) Extrusions

Material: Provista Copolymer (or equivalent)

PROPERTIES	TEST METHOD	VALUE
Specific Gravity		1.31
Tensile Yield Strength, psi	ASTM D-792	7690
Tensile Elongation Yield	ASTM D-638	5.0%
Tensile Modulus, psi	ASTM D-638	320000
Flexural Yield Strength, psi	ASTM D-638	10400
Flexural Modulus, psi	ASTM D-790	305000
Notched Izod Impact Strength ft-lbs/in	ASTM D-790	.78 (-40°F)
	ASTM D-256	1.4 (73°F)
Hardness, Shore R	ASTM D-785	110
Deflection Temperature Under Load		
66 psi, Unannealed	ASTM D-648	154°F
264 psi, Unannealed	ASTM D-648	144°F
Flame Spread	ASTM E-84	25 <sup>1</sup>
Smoke Developed	ASTM E-84	250 <sup>1</sup>

<sup>1</sup> Values based on maximum thickness of .043

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Provista Copolymer NXT has been GREENGUARD INDOOR AIR QUALITY CERTIFIED®

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