

# Armorite®

## EXTERIOR TRIM

TECHNICAL DATA		
<b>Widths</b>	Various widths available	
<b>Lengths*</b>	16 and 17 ft	4.90 and 5.21 m
<b>Available Thicknesses**</b>	5/8, 3/4, and 1 in.	15.88, 19.05, and 25.40 mm
<b>Density</b>	45 lbs/ft <sup>3</sup>	721 kg/m <sup>3</sup>
<b>Internal Bond</b>	200 psi	1.38 N/mm <sup>2</sup>
<b>Modulus of Rupture/MOR</b>	4,000 psi	27.6 N/mm <sup>2</sup>
<b>Modulus of Elasticity/MOE</b>	400,000 psi	2,760 N/mm <sup>2</sup>
<b>Hardness/MOH</b>	1,200 lbs	5,338 N
<b>Screw Holding – Face</b>	250 lbf	1,112 N
<b>Screw Holding – Edge</b>	200 lbf	890 N
<b>Thickness Swell</b>	≤ 5.0% (AC424)	
<b>Linear Expansion</b>	0.25% max	
<b>Moisture Content</b>	4 – 6%	
<b>Water Absorption</b>	≤ 10.0% (AC424)	
<b>Advanced Bond Integrity</b> <small>(strength retention after 6-cycle accelerated aging)</small>	95% (per ANSI MR50) 70% (per AC424)	
<b>Rot Resistance</b> <small>(AWPA E-10 soil block test)</small>	0 – 1.4% weight loss	
<b>Termite Resistance</b> <small>(AWPA E-26 ground proximity termite test)</small>	> 9.0	
<b>Flame Spread Rating</b>	Class C (3)	
<b>Dimensional Tolerances:</b>		
Length/Width	±0.080 in	±2.0 mm
Squareness	±0.036 in/ft	±3.0 mm/m
Thickness – panel average from specified	±0.005 in	±0.125 mm
Thickness – variance from panel average	±0.005 in	±0.125 mm

## EXTERIOR WOOD-BASED COMPOSITE TRIM

Armorite® Exterior Trim is an engineered wood product made from Western softwoods known for their superior strength and durability in weathering the rigors of outdoor environments. Suitable for residential homes, remodel and additions, outbuildings and on large multi-family projects. (Type V).

## COMMON APPLICATIONS

- Corner board
- Garage door trim
- Fascia
- Soffit
- Window and door trim
- Battens
- Column wrap

\*Actual length dimension is one inch longer than stated size.

\*\*Values represent averages for 3/4" panels. Physical properties may vary by thickness. All mechanical properties are tested in accordance with ASTM D1037.



Recognized in ICC-ES ESR-4012 as satisfying the requirements of IBC, IRC, CBC, CRC, FBC and FRC code requirements for exterior wood-based composite trim.

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## EXTERIOR TRIM

### STANDARDS & CERTIFICATIONS \*Available at Roseburg.com

#### International Code Council Evaluation Service

✓ ICC-ES Evaluation Report ESR-4012 ([www.icc-es.org](http://www.icc-es.org))

#### ISO 21887 Durability of wood use class UC3A

✓ Recognized for exterior use in above-ground applications. Resists attack by fungal decay and subterranean termites, including Formosan termites.

#### Moisture Resistant

✓ Meets grade MR50 moisture resistance

✓ Exceeds requirements of ASTM D1037 six-cycle accelerated aging test

#### Formaldehyde Emissions Regulations – Third-party certified (TPC-1) to meet the requirements of:

✓ EPA Formaldehyde Emission Regulation, TSCA Title VI\*

✓ Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16\*

✓ No Added Formaldehyde (NAF) Exempt - State of CA Executive Order N-22-313A\*

#### Recycled Content

✓ Third-party certified 90.5% pre-consumer recycled content

#### Forest Stewardship Council®

✓ Scientific Certification Systems Certified (SCS-COC/CW-00300) – FSC-C017580 FSC® Mix and FSC® Controlled Wood - AVAILABLE OPTION\*

#### Eco-Certified Composite Grademark Program

✓ CPA ECC Sustainability Standard\*