

## **PRODUCT SPECIFICATIONS**

### **ArrowLine Slate System**

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**General Characteristics**      ArrowLine Steel Slate is intended for roof and sidewall installation on residential or commercial exterior applications in new construction and remodeling over proper underlayments.

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**Material Specifications – Metal Slate**      ArrowLine Slate shall be coated with PVDF Fluoropolymer paint finish (Kynar 500<sup>®</sup> or Hylar 5000) and texture fabricated from G-90 galvanized steel coil, with both sides zinc-coated by the continuous hot dipped galvanized method.

    Metal thickness shall be nominal 28 gauge with G-90 galvanize.  
    Tensile Strength (PSI) – 62,000<sup>1</sup>  
    Yield Strength (PSI)    – 50,000<sup>1</sup>

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**Material Specifications – Metal Accessories**      ArrowLine Slate accessories shall be coated with PVDF Fluoropolymer finish. Texture fabricated with velvet embossing from G-90 galvanized steel coil with both sides zinc coated by continuous hot dip galvanized method.

    Metal thickness shall be nominal 28 gauge with G-90 galvanize.

    Tensile Strength (PSI) – 62,000<sup>1</sup>  
    Yield Strength (PSI)    – 50,000<sup>1</sup>

    All accessories shall be color matched unless otherwise specified. Manufacturer’s guarantee is not valid unless ArrowLine accessories, where applicable to the job, are used and installation instructions, sheet metal practices and recommendations are followed.

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Accessories are packaged as required.

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**Material Specifications – Metal Shingle and Valley Clip**      ArrowLine Shingle and Valley Clips are manufactured from G-90 galvanized steel coil. Metal thickness shall be nominal 26 gauge.

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<sup>1</sup> Average

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All material conforms to ASTM A653 / A653M - 05

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Material Specifications – Slate      ArrowLine Slate shall be furnished in lengths with 50” x 12” exposure and have a 4-way interlocking system to be fastened with shingle clips (min. 4 per shingle) and applied with recommended fasteners. Slate panels are packaged 12 per carton and consist of 50 square feet and weigh 44 pounds.

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Material Specifications – Paint      ArrowLine Slate system shall be in accordance with manufacturing specifications including:

Paint preparation: Both sides chemically cleaned with an Alkaline “Parco 338W” cleaner.

Dry in place chrome conversion with “Bonderite 1402W” applied both sides.

Paint system: Prime coat – AKZO Nobel coatings “Trinar Primer” polyester corrosion resistant primer.

Top coat – AKZO Nobel Architectural coating “Trinar Finish” PVDF Fluoropolymer Finish (Kynar 500 or Hylar 5000)

Back coat – AKZO Nobel coatings corrosion resisting backer.

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Warranty      ArrowLine shall provide a lifetime non-prorated limited warranty (50 year transferred), hail protection and 30 year fade protection (not to exceed 5 Delta E units). Refer to actual warranty for more information.

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ArrowLine Slate System, as described herein, conforms to current ASTM requirements and meets specification of BOCA, SBCCI and IBCO AC 07 Penetration Resistance, FM 4470 Hail damage/ Foot traffic and UL 1897 Uplift Resistance (Clips fastened with nails @ 45 PSF = 116 MPH true wind velocity. Clips fastened with screws @ 85 psf = 160 MPH true wind velocity)

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1-800-728-4010 for more details

08/05