
GENERAL METAL SPECIFICATIONS

As an integrated producer of aluminum sheet ,ALSCO is able to ensure quality and consistency in every step of the production process. ALSCO Products carry long term warranty protection and are designed to perform on residential and many light commercial applications. (See warranties for details.)

ALSCO Siding, Soffit and Fascia products meet or exceed requirements set forth in AAMA Voluntary Specifications **Report Number 1402-86**. **ALSCO Aluminum Rain carrying and accessory products meet or exceed requirements set forth in AAMA Voluntary Specifications Report Number 1405.1-1976. All Stated gauges are nominal. The standard thickness tolerance for products made from aluminum sheet shall be +0.000", -0.003".**

TECHNICAL

Alloy or equivalent	3025 or 3105 type
Specific Gravity	2.73 gr/cm ³ 0.098
Density	lb/ft ³ 28,000 psi
Minimum Ultimate Tensile Strength	24,000 psi 3%
Minimum Ultimate Yield Strength	10,000,000 psi
Minimum Elongation Modulus of	1 3.1 u-in/in/°F
Elasticity	1190-1210°F
Coefficient of Thermal Expansion (Linear)	1 190 BTU-in/ft ² -hr-°F
Melting Range	63-70
Thermal Conductivity at 77°F	
Hardness (Rockwell 15T)	

GENERAL FINISH SPECIFICATIONS

ALSCO Dymalar 2000Th and PVC paint finishes are especially formulated to deliver long-term protection against the environment's harshest elements. ALSCO Aluminum Products, protected with these specialized coatings and used in residential applications, can mean an end to rotting, cracking, splitting and chipping wood...and costly, time consuming maintenance.

All ALSCO Aluminum Products are treated on both sides with a chemical conversion coating to ensure excellent adhesion and long term

PROTECTION

Direct contact of aluminum products with certain materials, or contact with the water run-off from such materials, is likely to result in corrosion. Therefore, care should be exercised to avoid contact of aluminum with any corrosive materials during installation, including: Pretreated lumber, concrete, masonry, stucco, salt, corrosive chemicals, dissimilar metals (copper, zinc, steel, etc.) and roofing systems made with metallic granules of such dissimilar metals.

DYMALAR 2000Th

ALSCO Dymalar 2000TM finish is an oil free linear resin system available in a wide variety of colors and specifically formulated for residential aluminum product applications. Unless otherwise noted product gloss is 10°. The system is designed for compatibility with industry-accepted pre-treatment systems. This baked-on finish offers exceptional forming flexibility, cleanability, stain and mar resistance in exterior applications.

Flexibility	IT NC/NT0
Reverse Impact	2X Metal Thickness, NTO
Solvent Resistance	100+ D-MEK
Dry film Thickness	.8 Mils

Weathering

5% salt Spray (AI)	No creep over 1/21" from scribe, ASTM B 117, 1,000 HR
100% Humidity	No significant visual change after 1,000 HR per ASTM D2247-87
QUV	No visible loss of film integrity and no chalking greater than #8 after 500 HR, as measured by ASTM D42 I4-89

PVC COATINGS

ALSCO PVC finish is a roll applied, plasticized polyvinyl chloride (plastisol) two-coat system available in a wide variety of colors. Like our Dymalar 2000^T finish, it is engineered specifically for exterior applications and designed for outstanding resistance to weathering, abrasion, pollution, corrosion and other harmful airborne contaminants.

Physical Properties

Film Thickness	3.2 mils standard
Pencil Hardness	2B-HB
Flexibility	O-T
Dry Film Thickness	3.5 Mil

Weathering

5% Salt Spray (AI)	No creep over 1/32" from scribe, ASTM B17, 1,000 HR
100% Humidity	No visual change over 1,000 HR per ASTM D2247-87
QUV	No visible loss of film integrity and no chalking greater than #8 after 500 HR, as measured by ASTM D4214-89
Abrasion	(3.5 mils DFT) Pass 200 Liters falling sand, ASTM D968
Flame Resistance	Self extinguishing, ASTM D568

A Warranty is only as good as the company that gives it...

ALSCO has been making quality building products for over 50 years. That's because we've stood behind our products. Rest assured, we'll be here in the future if you need us.

ALUMINUM SIDING, SOFFIT AND ACCESSORIES

LIFETIME LIMITED WARRANTY*

Protects siding, soffit and related formed accessories from the date of installation for as long as the home is owned. Transferable, should the home be sold.

- Non-Prorated
- Transferable
- No Fees or Service Charges

Pub. #: WAR I -SSA-0703

CONTINUOUS ALUMINUM GUTTER AND GUTTER ACCESSORIES

20 YEAR LIMITED WARRANTY*

Protects painted aluminum gutter coil formed for use as gutter and gutter accessories for a period of 20-years from the date of installation.

- Prorated
- Non-Transferable
- No Fees or Service Charges

Pub. #: WAR2-GUT 0703

* See specific warranty for details