ATAS International, Inc.

Sustainable Building Envelope Technology

SPECIFICATION DATA SHEET

1. PRODUCT NAME

FLAT SHEET LAMINATES

2. MANUFACTURER

ATAS INTERNATIONAL, INC.
Website: www.atas.com
Email: info@atas.com
Corporate Headquarters:
Allentown, PA 18106
Phone: (800) 468-1441
Western Facility:
Mesa, AZ 85204
Phone: (480) 558-7210

3. PRODUCT DESCRIPTION

Provide Texcover® film of a biaxially-oriented polyethylene film (boPET). Film to be designed with UV stabilizer to absorb ultraviolet radiation, protecting chemical structure of polyester and pigment. Texcover® film shall be applied to properly cleaned and pretreated aluminum.

Film thickness shall be 20 to 23 micrometers (um).

Basic Use: Architectural sheet metal applications in general building construction, such as metal walls, mansard applications, fascias, soffits, ceilings, storefronts, copings, gravel stops, specialty accent details, etc.

Materials:
Gauges Available:
Aluminum - .032, .040 thicknesses
Sheet Sizes - Up to 50” width by length required.

Limitations:
All ATAS materials are pre-finished and, therefore, care should be taken during fabrication and installation of materials. Fabrication and installation of materials should conform to standards established by the architectural sheet metal community. During the fabrication and/or forming of the materials, proper bend radii must be used. For damage such as dents, deep abrasions, or scratches that have damaged base materials, the actual unit should be replaced. All metal shavings, chips, and dust must be removed from material immediately.

4. TECHNICAL DATA

Applicable Standards
Aluminum materials conform to ASTM B 209, alloy 3003 H14 or 3105 H14.

Product test reports
Based on evaluation of comprehensive tests performed by a qualified testing agency, for the following:

- ASTM 4141C: Standard practice for conducting black box and solar concentrating exposure of coatings
- ASTM D 1014 (Florida exposure test): Standard practice for conducting exterior exposure tests of paints and coatings on metal substrates
- ISO 7724/3 evaluation of
  - ISO 4628/2: Assessment of degree of blistering
  - ISO 4628/3: Assessment of degree of rusting
  - ISO 4628/4: Assessment of degree of cracking
  - ISO 4628/5: Assessment of degree of flaking
- ISO 105 A02 tests for color fastness: Greyscale for assessing change of color

	Blistering [ISO 4628/2]	Rusting [ISO 4628/3]	Cracking [ISO 4628/4]	Flaking [ISO 4628/5]
Artificial weathering (Q-UVA @ 340 nm - 3000h) [UNI EN ISO 7724/3 - 1984]	Absent	Absent	Absent	Absent

Change of color [ISO 105 A02] after artificial weathering [ISO 7724/3 - 1984]	After 1000 h	After 2000 h	After 3000 h
	5/5	5/5	5/5

5. INSTALLATION

Installation shall be in accordance with standards established by the architectural sheet metal community. Installer to comply with all manufacturer’s installation instructions as per project requirements. Care should be taken during handling and fabrication of materials to prevent bending, twisting, abrasion, scratching, denting, etc. All cutting tools should be kept sharp, properly dressed and aligned. If protective masking is utilized, it must be removed immediately after installation.

6. AVAILABILITY AND COST

Availability: Normal orders for in stock items and colors are ready for shipment within a 48 to 72 hour period. Products are sold through Dealer/ Distributor outlets.

Materials: Shipped Ex works: ATAS Plant.
Cost: For specific cost and availability contact ATAS.

7. WARRANTY

The UV resistant laminates carry a 20 year warranty for color fastness.

8. MAINTENANCE

ATAS laminates are non-staining and require minimal maintenance. Any surface residue is easily removed with conventional cleaning solvents or detergents. Conventional caulking compounds and sealants compatible with the ATAS finish are acceptable for use in conjunction with the ATAS coated materials.

9. TECHNICAL SERVICES

Complete technical information and literature are available at www.atas.com. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

- www.atas.com
- Additional product information is available from the manufacturer upon request.

Information contained in item 4 Technical Data may be dependent upon panel material, gauge and width.
Please contact ATAS for panel specific test data as applicable for a particular use or application