



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

SCANROOF® SCP163

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

Website: www.atas.com

Email: info@atas.com

Corporate Headquarters:

Allentown, PA 18106

Phone: (610) 395-8445

Fax: (610) 395-9342

Western Facility:

Mesa, AZ 85204

Phone: (480) 558-7210

Fax: (480) 558-7217

Southern Facility:

Maryville, TN 37801

Phone: (800) 468-1441

3. PRODUCT DESCRIPTION

Basic Uses:

ScanRoof is a metal roofing panel with a simulated tile profile. ScanRoof may be used in new construction or for re-roofing. It is a structural panel that may be applied over open framing. Minimum pitch recommended is 3 in 12. In some cases, ScanRoof may be applied directly over the old roofing material, eliminating the need for tear-off and disposal.

Composition & Materials:

Standard Offerings: Panels are roll-formed from 24 gauge Metallic Coated steel.

Sizes and Profiles:

ScanRoof panels (SCP163) measure 13'-10" wide by 21" high. Actual exposure is 13'-2" by 16 1/2". The configuration is a European style tile, with 21 modules (7 7/8") per panel.

Colors & Finishes:

A choice of 26 colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. (Request color chart or chips). Texture is a smooth finish.

4. TECHNICAL DATA

KYNAR 500® PVDF or HYLAR 5000® PVDF based finishes tested by paint supplier for:

Dry Film Thickness: ASTM D 1005, ASTM D

1400, ASTM D 4138 or ASTM D 5796

Specular Gloss: ASTM D 523

Pencil Hardness: ASTM D 3363

T-Bend Flexibility: ASTM D 4145

Mandrel Bend Flexibility: ASTM D 522

Impact Resistance: ASTM D 2794

Adhesion: ASTM D 3359

Water Immersion Resistance: ASTM D 870

Abrasion Resistance: ASTM D 968

Acid Resistance: ASTM D 1308

Acid Rain Resistance (Kesternich):

ASTM G 87 or DIN 50018

Salt Spray: ASTM B 117

Cyclic Salt Spray: ASTM D 5894 and
ASTM D 5487

Humidity Resistance: ASTM D 2247

Accelerated Weathering: ASTM D 822 and

ASTM G 23, ASTM G 151 or ASTM G 153

Color Retention, Florida Exposure:

ASTM D 2244

Chalking Resistance – ASTM D 4214

Cleveland Condensing Cabinet: ASTM D 4585

Cure Test, MEK Resistance: ASTM D 5402

Alkali Resistance, Sodium Hydroxide: ASTM D

1308, Procedure 7.2

Flame Spread Rating: ASTM E 84

Organic coatings meet requirements of AAMA
2605 when applied to aluminum.

Panel testing/ratings:

Diaphragm Test

Strength Tests: ASTM E 72

Uplift: UL 580 Class 90 (UL File No. R121123)

Wind Driven Rain

Fire Resistance: UL 790/ASTM E 108

Class A & B Fire Rating

Impact Resistance: UL 2218

Penetration (Foot Traffic): ICBO ES AC166,
Par. 4.2

ICBO ES ER-4623

Sound Emission Test

Galvanized Steel: ASTM A 653

Coil Coating: ASTM A 653

Field Tested and Approved

5. INSTALLATION

ScanRoof has an integral purlin, which allows maximum spacing between trusses. Panels are installed horizontally up the roof from eave to ridge. Installation manuals and videos or hands-on training through seminars are available. Contact ATAS technical service advisors for more information.

6. AVAILABILITY & COST

Availability:

ScanRoof panels are available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the roof system. Flat sheet and/or coil stock in matching color is also available for fabrication of related accessories by the installing of the contractor.

Cost:

Contact ATAS product distributors for current pricing.

7. WARRANTY

Products coated with a fluoropolymer, KYNAR 500® PVDF or HYLAR 5000® PVDF finish carry a thirty (30) year limited warranty against cracking, peeling, chalking and fading.

8. MAINTENANCE

ScanRoof panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. Minor scratches may be touched up with a matching paint, available from the manufacturer.

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

