



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

RUMBA SHAKE HBS090

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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3. PRODUCT DESCRIPTION

Basic Uses:

With the Bermuda system, the traditional vertical standing seams are replaced by horizontal "stepped" reveals spaced every 9".

Composition & Materials:

Standard Offerings: Bermuda panels are brake formed from .032 Aluminum; 24 gauge Metallic Coated Steel.

Special Offerings: .040 Aluminum, 22 gauge Metallic Coated Steel; 24 gauge 55% Al-Zn alloy coated Steel with acrylic coating; .032 Clear Anodized and Bronze Anodized Aluminum, and 16 oz. Copper.

Sizes:

Bermuda panels are available with a 1" height and in a 9 3/4" width, with a coverage of 9" by panel length. Panel lengths are made to customer specifications, with a standard length of 12'; and 2' minimum to 20' maximum lengths available.

Colors & Finishes:

A choice of 30 colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. (Request color chart or chips).

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 155, 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:

Air Infiltration: ASTM E 283

Water Penetration: ASTM E 331

Uplift/Load: ASTM E 1592

UL Fire resistance rating design numbers: See www.ul.com, file R12113, or contact ATAS for current listing.

Galvanized Steel: ASTM A 653

55% Al-Zn alloy coated Steel: ASTM A 792

Aluminum: ASTM B 209

Copper: ASTM B 370

Coil Coating: ASTM A 755

Load Table available upon request.

Field Tested and Approved.

5. INSTALLATION

This panel is installed with flat clips, 12" to 24" on center. Optional factory sealant is available. Installation manuals or hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Bermuda panels are readily 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 are also available for fabrication of related accessories by the installing 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

Bermuda panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. For painted products, 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.

