



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

BERMUDA PANEL 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. Consult ATAS's product installation guide for specific details.

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

The fluoropolymer KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish carries a thirty (30) year limited warranty against chipping, 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 from ATAS International, Inc. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

- Sweet's Catalog
- Sweet's CD
- www.atas.com
- Additional product information is available from the manufacturer upon request.

