

## 1. PRODUCT NAME

**RUMBA SHAKE™**  
**HBS090**

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
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## 3. PRODUCT DESCRIPTION

### Basic Uses:

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

### Composition & Materials:

**Standard Offerings:** Rumba Shake panels are brake formed from .032, .040 aluminum; 24 gauge metallic coated steel.

**Special Offerings:** 22 gauge metallic coated steel; 16 oz. copper; and .8 mm zinc.

### Sizes:

Rumba Shake 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 over 40 stock colors is available in a 70% PVDF finish. (Request color chart or chips). Custom colors available. An anodized finish is available in Clear Satin or Dark Bronze. Texture is smooth, stucco embossed or Wood Grain Embossed (available in 24 ga. metallic coated steel, .032 aluminum & .040 aluminum only).

## 4. TECHNICAL DATA

**70% 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

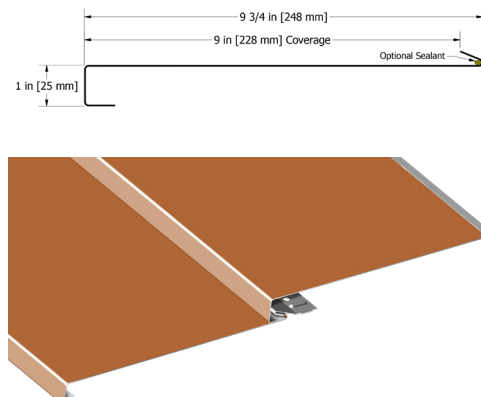
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: ASTM D 822 and ASTM G 155, ASTM G 151 or ASTM G 153
- Color Retention, Florida Exposure: ASTM D 2244
- Chalking Resistance: ASTM D 4214
- Cleveland Condensing Cabinet: 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:

- Uplift/Load: ASTM E 1592
- Air Infiltration: ASTM E 283
- Water Penetration: ASTM E 331
- UL Fire resistance rating design numbers: See [www.ul.com](http://www.ul.com), file R12113, or contact ATAS for current listing.
- Impact Resistance: UL 2218
- 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.

## 5. INSTALLATION

Rumba Shake is easily installed horizontally from eave to ridge. This panel is installed with flat clips, 12" to 24" on center. Recommended minimum slope is 4:12. Optional factory sealant is available. Installation details and hands-on training via seminars are available through ATAS. Visit [www.atas.com](http://www.atas.com) for more information.



## 6. AVAILABILITY & COST

### Availability:

Rumba Shake 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, 70% PVDF finish carry a limited warranty against chalking and fading.

## 8. MAINTENANCE

Rumba Shake panels require minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. For painted products, minor scratches should 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](http://www.atas.com). ATAS will assist with design ideas and shop drawings.

## 10. FILING SYSTEM

- [www.atas.com](http://www.atas.com)
- Additional product information is available from the manufacturer upon request.

