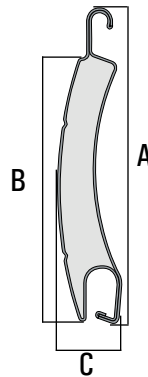




FOAM FILLED ROLL FORMED ALUMINUM SLAT  
**APEX A55**



Energy Efficiency

Hurricane Protection



Visual Deterrent

Maximum Security

**FEATURES & BENEFITS**



**HIGH DENSITY FOAM**  
A thicker density foam provides increased rigidity yielding a stronger slat.



**HURRICANE APPROVED**  
This product has been tested in accordance with hurricane testing standards of TDI & FBC. Engineering available on our web site.



**HURRICANE CODES**  
Texas Department of Insurance: SHU-178  
Florida Building Code: FL 12528.1



**END RETENTION SYSTEM**  
The ERS utilizes a special polymer lock that secures each slat inside the rails, preventing excessive shutter flex and pullout.

| APEX A55           |                |            |
|--------------------|----------------|------------|
| TOTAL HEIGHT (A)   | 2.62"          | 66 mm      |
| PROFILE HEIGHT (B) | 2.17"          | 55 mm      |
| PROFILE WIDTH (C)  | 0.53"          | 13.5 mm    |
| WALL GAUGE         | 0.024"         | 0.60 mm    |
| WEIGHT             | 1.800 lbs/sqft | 9.1 kg/sqm |
| MAXIMUM AREA       | 220 sqft       | 20.44 sqm  |

| OPERATOR LIMITATIONS FOR APEX A55 |          |           |
|-----------------------------------|----------|-----------|
| OPERATOR                          | Max sqft | Max sqm   |
| PULLEY (25 LBS)                   | 14 sqft  | 1.30 sqm  |
| STRAP CRANK (60 LBS)              | 33 sqft  | 3.07 sqm  |
| GEAR CRANK (71 LBS)               | 39 sqft  | 3.62 sqm  |
| GEAR ASSIST (110 LBS)             | 61 sqft  | 5.67 sqm  |
| MOTOR 60MM AXLE (194 LBS)         | 108 sqft | 10.03 sqm |
| MOTOR 70MM AXLE (352 LBS)         | 196 sqft | 18.21 sqm |
| T8 MOTOR 100 MM AXLE (450 LBS)    | 220 sqft | 20.44 sqm |

**SYSTEM COLORS**

|               |
|---------------|
| Silk White    |
| Texas Cream   |
| Attica Beige  |
| Medium Bronze |



## COMPONENT INFORMATION

| SLAT DETAILS |  |
|--------------|--|
| APEX A55     | <ul style="list-style-type: none"> <li>• Double walled roll-formed aluminum</li> <li>• Gauge 0.60 mm / 0.024"</li> <li>• CFC free foam core</li> <li>• Paint thermal stability range:<br/>-40° F to 176° F [-40° C to 80° C]</li> <li>• Available with or without light slits</li> </ul> |

| ALUMINUM BASE SLAT FOR MAXI SLATS                  |  |
|--|--|
| Anodized Silver, Cream, White, Light Beige, Bronze |  |

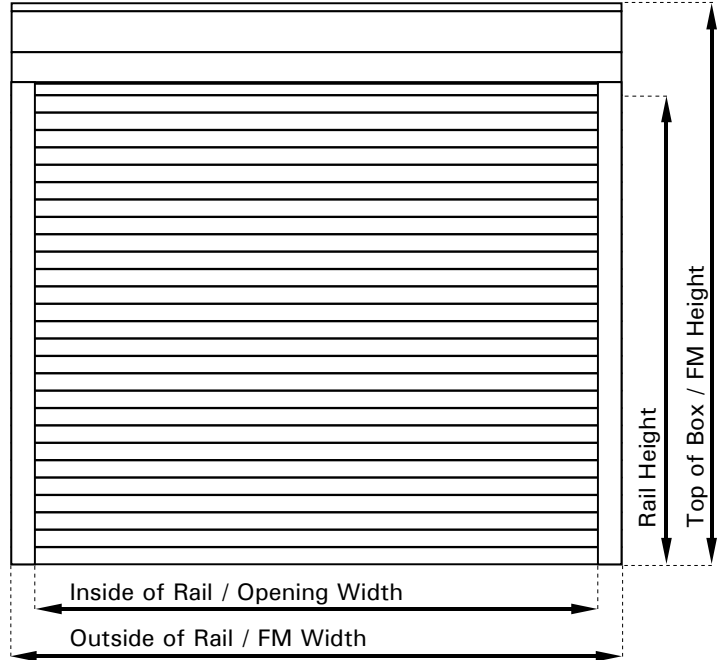
| STANDARD RAIL                                      |                               |
|--|-------------------------------|
| END RETENTION SIDE RAILS "MAXI"                    | 76 mm x 28 mm (3.00" x 1.11") |
| Anodized Silver, Cream, White, Light Beige, Bronze |                               |

| OPTIONAL RAILS                                     |                               |
|--|-------------------------------|
| END RETENTION SIDE RAILS "MAXI"                    | 89 mm x 28 mm (3.50" x 1.06") |
| Anodized Silver, Cream, White, Light Beige, Bronze |                               |

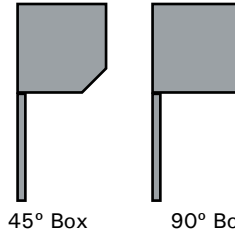
| SIDELOCKS (POLYAMIDE INSERTS FOR HARD FOAM) |                   |       |    |
|---|-------------------|-------|----|
| ER-55 FOR APEX A55                          | Profiles          | Black | EA |
| SCREWS #8                                   | For use with ER55 |       | EA |

| SLAT DEDUCTION FOR SHUTTER MANUFACTURING |                              |                               |
|--|------------------------------|-------------------------------|
| APEX A55                                 | Small Leg 45° & 90° 4"-10"   | Large Leg 45° 10", 12"        |
| $\frac{3}{8}$ " SLIP                     | 11.1 cm / 4 $\frac{3}{8}$ "  | 12.3 cm / 4 $\frac{7}{8}$ "   |
| $\frac{1}{8}$ " SLIP                     | 11.4 cm / 4 $\frac{1}{2}$ "  | 12.6 cm / 4 $\frac{15}{16}$ " |
| < $\frac{1}{8}$ " SLIP                   | 11.6 cm / 4 $\frac{9}{16}$ " | 12.8 cm / 5 $\frac{1}{16}$ "  |

## SHUTTER DIMENSION DIAGRAM



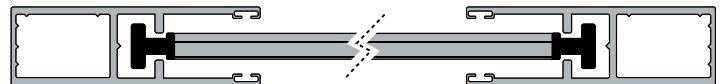
## BOX HOUSING SHAPE



45° Box

90° Box

## END RETENTION SYSTEM



| RAIL HEIGHT BY HOUSING SIZE |             |       |               |       |             |       |             |       |             |       |              |       |              |       |
|-----------------------------|-------------|-------|---------------|-------|-------------|-------|-------------|-------|-------------|-------|--------------|-------|--------------|-------|
| BOX SIZE                    | 6" (150 mm) |       | 6.5" (165 mm) |       | 7" (180 mm) |       | 8" (205 mm) |       | 9" (230 mm) |       | 10" (250 mm) |       | 12" (300 mm) |       |
| AXLE                        | 60 mm       | 70 mm | 60 mm         | 70 mm | 60 mm       | 70 mm | 60 mm       | 70 mm | 60 mm       | 70 mm | 60 mm        | 70 mm | 60 mm        | 70 mm |
| APEX A55                    | 22"         | N/A   | 30"           | N/A   | 42"         | 42"   | 63"         | 59"   | 84"         | 80"   | 111"         | 100"  | 152"         | 152"  |

