STORMBREAKER PLUS 300VL SERIES MULLIONS WITH MEDIUM ALUMINUM REINFORCEMENT — NON—HVHZ FOR IMPACT RESISTANT ASSEMBLIES

GENERAL NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 8TH EDITION (2017) FLORIDA BUILDING CODE REQUIREMENTS EXCLUDING HVHZ.
2. THIS MULLION IS ONLY VALID WHEN USED IN CONJUNCTION WITH APPLICABLE SIMONTON WINDOW SYSTEMS.
3. ALL WINDOWS USED WITH THIS MULLION SHALL BE QUALIFIED UNDER SEPARATE APPROVAL. ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE FLORIDA BUILDING CODE REQUIREMENTS.
4. ADEQUACY OF EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
5. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE.
7. THIS MULLION SYSTEM IS SUITABLE FOR ASSEMBLY OF IMPACT RESISTANT PRODUCTS AND DOES NOT REQUIRE AN EXTERNAL IMPACT PROTECTIVE DEVICE IN WINDBORNE DEBRIS REGIONS.

PARTS LIST

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
<th>MATERIAL</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>MEDIUM MULLION COVER</td>
<td>300-350</td>
<td>PVC</td>
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<tr>
<td>2</td>
<td>MEDIUM MULLION REINFORCEMENT</td>
<td>20634</td>
<td>6063—16</td>
</tr>
<tr>
<td>3</td>
<td>BRACE PLATE</td>
<td></td>
<td>STEEL</td>
</tr>
<tr>
<td>4</td>
<td>MULLION L-MOUNT</td>
<td></td>
<td>STAINLESS STEEL</td>
</tr>
</tbody>
</table>

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>PAGE NO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GENERAL NOTES, PARTS LIST AND CROSS SECTIONS</td>
</tr>
<tr>
<td>2</td>
<td>ELEVATION AND DESIGN PRESSURE CHARTS</td>
</tr>
<tr>
<td>3</td>
<td>DETAIL AND SILL CROSS SECTIONS</td>
</tr>
</tbody>
</table>

LUCAS TURNER
2017-10-04
08:28:20-00

Retrofit Frame Mullion
1. MEDIUM VINYL MULLION COVER #350 - 435
EXTRUDED VINYL .070' MIN.
2. MEDIUM MULLION REINFORCEMENT #20634
ALUMINUM 6063—16

Double Hung Horizontal Cross Section

Picture (Fixed) Horizontal Cross Section

10/04/2017
NOTE:
The pressure chart shows the design pressures for the selected mullion span and panel width for achieving bending capacity, deflection and concentrated load limits specified in the Florida Building Code, 6th Edition (2017).

Adhere to fastening instructions provided in this document to achieve the tabulated design pressures.

Multiple mullioned conditions are acceptable as long as load width is not exceeded.
STORMBREAKER PLUS 300VL SERIES
MULLIONS WITH MEDIUM ALUMINUM
REINFORCEMENT – NON-HVHZ
FOR IMPACT RESISTANT ASSEMBLIES

ANCHOR NOTES:
1) To achieve the required design pressures,
   adhere to the fastener requirements below.
2) INSTALLATION TO WOOD (G=0.42 MIN):
   Four (4) #10 wood screws for each base plate
   with min. 1-1/2" embedment and min. 7/8" wood
   edge distance.
3) INSTALLATION TO CONCRETE/MASONRY:
   Two (2) screws for each base plate in outermost
   holes. In grout-filled CMU block (ASTM C-90
   Compliant) use 1/4" Elco Ultracos with 1 3/8"
   min. embed. to block and 1 1/2" min. edge dist.
   with min. 1-1/4" embedment. In solid concrete
   (2.85 ksi min.) use 3/16" ITW Tapcos or 1/4"
   Elco Ultracos with 1 3/4" min. embed. to
   concrete, and 1 1/8" min. edge dist.

<table>
<thead>
<tr>
<th>TABLE 1 (MULLION ATTACHING HARDWARE)</th>
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<tbody>
<tr>
<td>RIVET</td>
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<td>BARREL NUT</td>
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</tbody>
</table>