NEUMA CLASSIC PVC INSWIN GLAZED PATIO DOOR

EXTERIOR VIEW

WHERE WATER RESISTANCE IS REQUIRED

<table>
<thead>
<tr>
<th>DESIGN PRESSURE RATING</th>
<th>IMPACT RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>+35.0 PSF</td>
<td>NONE</td>
</tr>
<tr>
<td>- 50.0 PSF</td>
<td>none</td>
</tr>
</tbody>
</table>

WHERE WATER RESISTANCE IS NOT REQUIRED

<table>
<thead>
<tr>
<th>DESIGN PRESSURE RATING</th>
<th>IMPACT RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>+40.0 PSF</td>
<td>NONE</td>
</tr>
<tr>
<td>- 50.0 PSF</td>
<td>none</td>
</tr>
</tbody>
</table>

NOTES:
1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF FLORIDA BUILDING CODE.
2) WOOD FRAMING OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
4) UNITS MUST BE GLAZED PER ASME E1300.
5) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
6) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE Shim STACK TO BE 1/4".
7) FOR ANCHORING INTO 2X BUCK OR WOOD FRAMING USE #10 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ANCHORING LAYOUT AND INSTALLATION DETAILS.
8) FOR ANCHORING INTO MASONRY USE 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9) ALL FASTENERS TO BE CORROSION RESISTANT.
10) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
A. WOOD – G=0.42 MINIMUM SPECIFIC GRAVITY.
B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
C. MASONRY – STRENGTH CONFORMANCE TO ASNM C-90, GRADE N, TYPE 1 (OR GREATER).
11) FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
12) FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM, 1 1/4" THICK INSILD AND 1 5/8" THICK OUTSWING, WITH ALUMINUM CLADDING 0.062" THICK.
13) DOOR PANEL AND SIDELITE MATERIAL: RIGID PVC SKIN .031" THICK OVER A PVC FOAM CORE WITH WOOD REINFORCEMENTS.
14) APPROVED CONFIGURATIONS: X AND XX INSWING AND OUTSWING.
15) MAX. DOOR PANEL AND SIDELITE D.L.O.: 20" x 66".
16) HINGE LOCATIONS FROM BOTTOM OF PANEL UP: 10", 41" AND 73".
NEUMA CLASSIC PVC OUTSWING GLAZED PATIO DOOR

EXTERIOR VIEW

HARDWARE SCHEDULE

A. 3-POINT LOCK HANDLE ASSEMBLY NINGBO MICOTA LOCKS
B. (3) 4" x 4 1/4" BUTT HINGES BY WENZHOU LONGTAI HINGES
C. EXTRUDED ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS

DESIGN PRESSURE RATING IMPACT RATING

+50.0 PSF NONE
-30.0 PSF

INSWING DOOR SILL DETAIL

OUTSWING DOOR SILL DETAIL

NAN YA PLASTICS CORP. USA
5989 NORTH LOOP EAST
HOUSTON, TX 77029

NEUMA CLASSIC PVC GLAZED PATIO DOOR
INSWING/OUTSWING NON-IMPACT OUTSWING ELEVATIONS, ANCHORING AND HARDWARE

DRAWN: DWG NO.: SHEET:

SCALE: DATE: 10/26/09 SHEET 2 OF 6

REVISIONS

REV DESCRIPTION DATE APPROVED

Hinge Installation Detail

JAMB
PANEL

#10 x 2 1/2" SMS
#10 x 2" SMS

STATE OF FLORIDA PROFESSIONAL ENGINEER
No. 62614
2X BUCK/WOOD FRAMING INSTALLATION
OUTSWING DOOR SHOWN, OUTSWING SIDELITE SIMILAR

#10 WOOD SCREW

1 3/8" MIN. EMBEDMENT

1/4" MAX. SHIM

BACKER ROD AND APPROVED SEALANT BY OTHERS

2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

1 3/8" MIN. EMBEDMENT

1/4" MAX. SHIM

INTERIOR

EXTERIOR

INTERIOR

EXTERIOR

SILL TO BE SET IN BED OF APPROVED SEALANT

2X BUCK/WOOD FRAMING BY OTHERS, 2X BUCK TO BE PROPERLY SECURED

2X BUCK/WOOD FRAMING INSTALLATION
OUTSWING DOOR SHOWN, OUTSWING SIDELITE SIMILAR

NAN YA PLASTICS CORP. USA
5989 NORTH LOOP EAST
HOUSTON, TX 77029

NEUMA CLASSIC PVC GLAZED PATIO DOOR
INSWING/OUTSWING NON-IMPACT
OUTSWING INSTALLATION DETAILS

DRAWN: EDOC NO. REV
TJH
08-00873

SCALE NTS DATE 10/26/09 SHEET 5 OF 6

REVISIONS
REV DESCRIPTION DATE APPROVED

STATE OF FLORIDA
PROFESSIONAL ENGINEER

No. 06614

STATE OF FLORIDA
PROFESSIONAL ENGINEER

No. 06614