

BETTER BILT ALUMINUM PRODUCTS
FLORIDA DOOR SERIES 420
COMPARATIVE ANALYSIS CHART IN DESIGN PRESSURE

CA980370
 07-Jan-2002
 98-0801

PANEL WIDTH >>	24	30	36	42	48	54	60
PANEL HEIGHT V 80	85	71	62	56	52	48	46
96	69	57	49	44	40	37	35

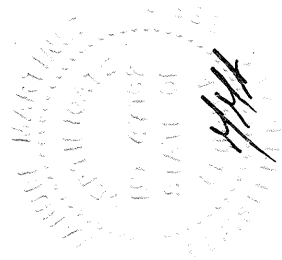
TEST REPORT NOS: NCTL-210-2065-1 & 2
 DESIGN PRESSURE ACHIEVED IN TEST: POS. & NEG. 35.0 PSF
 WATER TEST PRESSURE: 5.25 PSF (SILL - 1-1/2" HGT.)
 6.0 PSF (1-1/2" SILL W/ .500" ADAPTER - 2" HGT. O.A.)
 TEST SIZE: 181 3/4" X 96 1/8"
 CONFIGURATION TESTED: OXX

GLAZING: 3/16" TEMPERED GLASS
 REINFORCING: (1) STL. CHAN. 1-3/4" X 3/4"
 X 1/16" @ ADAPTER STILE;
 (1) STL. CHAN. 3/4" X 7/8"
 X 1/16" @ EA. INTRLK. STILE

LIMITATIONS:

THE ABOVE VALUES ARE STRUCTURAL DESIGN LOADS & HAVE NOT BEEN CAPPED BY WATER PERFORMANCE.
 WATER PRESSURE REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WOULD BE LIMITED
 TO 35 PSF W/ 1-1/2" SILL & 40 PSF W/ 2" SILL.
 PANEL WIDTHS AND HEIGHTS ARE NOMINAL.

PREPARED BY:
PRODUCT & APPLICATION ENGINEERING, INC.
 250 INTERNATIONAL PARKWAY
 SUITE 250
 HEATHROW, FLORIDA 32746
 PHONE 407 805-0365 FAX 407 805-0366



02-13-02

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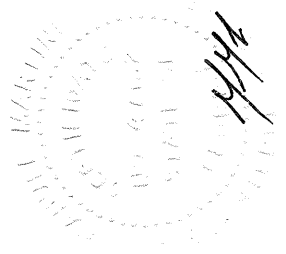
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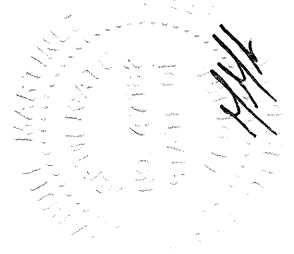
TEST REPORT NOS: NCTL-210-2065-4 & 3
 DESIGN PRESSURE: POS. & NEG. 35.0 PSF
 WATER TEST PRESSURE: 5.25 PSF (SILL - 1-1/2" HGT.)
 6.0 PSF (1-1/2" SILL W/ 1/2" ADAPTER - 2" HGT. O.A.)

TEST SIZE: 181 3/4" X 82 1/8"
 GLAZING: 3/16" TEMPERED GLASS
 REINFORCING: NONE
 CONFIGURATION TESTED: OXX

LIMITATIONS:

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 PANEL WIDTHS AND HEIGHTS ARE NOMINAL (IN INCHES).

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EXAMPLE:
LABEL TO GO
ON DOOR

SERIES 420/430/440 SLIDING GLASS DOORS

THIS FENESTRATION PRODUCT COMPLIES* WITH THE
NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS,
EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500' FROM THE COAST),
AND WALL ZONE "5" (INSTALLED NEAR THE CORNER OF A BUILDING).

PER ASTM E1300, THE CORRECT GLASS THICKNESS, BASED ON THE NEGATIVE
DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT.
THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

STANDARD 6'- 8" HIGH PANELS ARE NON REINFORCED

6'-8" HIGH	2'- 6" WIDE	DP +54 / -54
	3'- 0" WIDE	DP +47 / -47
	4'- 0" WIDE	DP +39 / -39
	5'- 0" WIDE	DP +35 / -35

STANDARD 8'- 0" HIGH PANELS ARE STEEL REINFORCED

8'-0" HIGH	2'- 6" WIDE	DP +57 / -57
	3'- 0" WIDE	DP +49 / -49
	4'- 0" WIDE	DP +40 / -40
	5'- 0" WIDE	DP +35 / -35

SPECIAL ORDER 6'- 8" HIGH PANELS - WITH STEEL REINFORCEMENT



BOX TO BE CHECKMARKED
AT FACTORY IF REINFORCED

<input type="checkbox"/>	2'- 6" WIDE	DP +71 / -71
<input type="checkbox"/>	3'- 0" WIDE	DP +62 / -62
<input type="checkbox"/>	4'- 0" WIDE	DP +52 / -52
<input type="checkbox"/>	5'- 0" WIDE	DP +46 / -46

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND
AIR INFILTRATION PER ATTACHED AAMA PERFORMANCE LABEL. BE ADVISED THAT
IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT
MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO
MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-687