

# 8" PAVER

## FLOOR LOAD CHART and DIMENSIONS

# IBP glass block grid system™

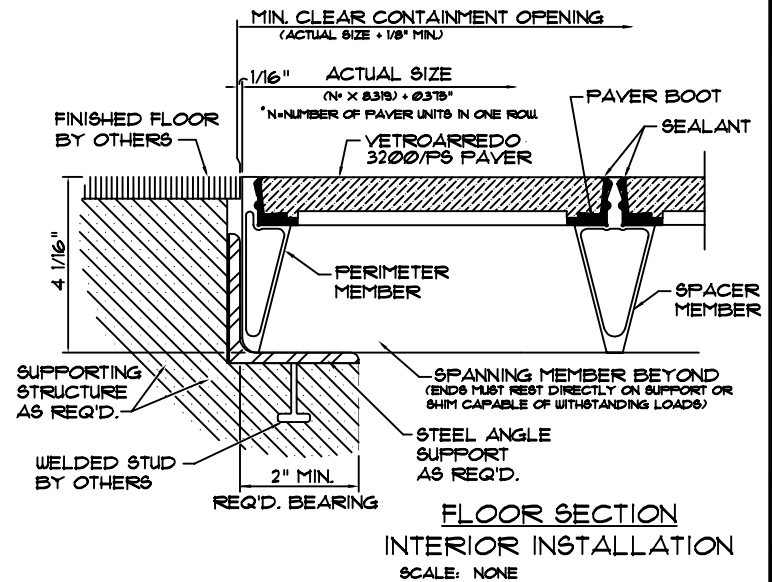
WINDOWS WALLS • SKYLIGHTS FLOORS SHOWERS

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Add 1/8" to Actual Size for Minimum Inside Containment Ring Dimensions

| 100 LL<br>LIMIT | Pavers<br>Req'd<br>per Row | MODEL<br>NUMBER | ACTUAL SIZE<br>Out to Out<br>GRID Dimensions<br>(8.319" x N) + 0.375" |         |
|-----------------|----------------------------|-----------------|-----------------------------------------------------------------------|---------|
|                 |                            |                 |                                                                       |         |
|                 | 1                          | 9               | 0'-8 11/16"                                                           | 8.694   |
|                 | 2                          | 17              | 1'-5"                                                                 | 17.013  |
|                 | 3                          | 26              | 2'-1 5/16"                                                            | 25.332  |
|                 | 4                          | 34              | 2'-9 5/8"                                                             | 33.651  |
|                 | 5                          | 42              | 3'-6"                                                                 | 41.970  |
|                 | 6                          | 51              | 4'-2 5/16"                                                            | 50.289  |
|                 | 7                          | 59              | 4'-10 5/8"                                                            | 58.608  |
|                 | 8                          | 67              | 5'-6 15/16"                                                           | 66.927  |
|                 | 9                          | 76              | 6'-3 1/4"                                                             | 75.246  |
|                 | 10                         | 84              | 6'-11 9/16"                                                           | 83.565  |
|                 | 11                         | 92              | 7'-7 7/8"                                                             | 91.884  |
|                 | 12                         | 101             | 8'-4 3/16"                                                            | 100.203 |
|                 | 13                         | 109             | 9'-0 1/2"                                                             | 108.522 |
|                 | 14                         | 117             | 9'-8 13/16"                                                           | 116.841 |
|                 | 15                         | 126             | 10'-5 3/16"                                                           | 125.160 |
|                 | 16                         | 134             | 11'-1 1/2"                                                            | 133.479 |
|                 | 17                         | 142             | 11'-9 13/16"                                                          | 141.798 |
|                 | 18                         | 151             | 12'-6 1/8"                                                            | 150.117 |
|                 | 19                         | 159             | 13'-2 7/16"                                                           | 158.436 |
|                 | 20                         | 167             | 13'-10 3/4"                                                           | 166.755 |
|                 | 21                         | 175             | 14'-7 1/16"                                                           | 175.074 |
|                 | 22                         | 184             | 15'-3 3/8"                                                            | 183.393 |
|                 | 23                         | 192             | 15'-11 11/16"                                                         | 191.712 |
|                 | 24                         | 200             | 16'-8"                                                                | 200.031 |
|                 | 25                         | 209             | 17'-4 3/8"                                                            | 208.350 |
|                 | 26                         | 217             | 18'-0 11/16"                                                          | 216.669 |
|                 | 27                         | 225             | 18'-9"                                                                | 224.988 |
|                 | 28                         | 234             | 19'-5 15/16"                                                          | 233.307 |
|                 | 29                         | 242             | 20'-1 5/8"                                                            | 241.626 |
|                 | 30                         | 250             | 20'-9 15/16"                                                          | 249.945 |
|                 | 31                         | 259             | 21'-6 1/4"                                                            | 258.264 |
|                 | 32                         | 267             | 22'-2 9/16"                                                           | 266.583 |
|                 | 33                         | 275             | 22'-10 7/8"                                                           | 274.902 |
|                 | 34                         | 284             | 23'-7 1/4"                                                            | 283.221 |
|                 | 35                         | 292             | 24'-3 9/16"                                                           | 291.540 |
|                 | 36                         | 300             | 24'-11 7/8"                                                           | 299.859 |
|                 | 37                         | 309             | 25'-8 3/16"                                                           | 308.178 |
|                 | 38                         | 317             | 26'-4 1/2"                                                            | 316.497 |
|                 | 39                         | 325             | 27'-0 13/16"                                                          | 324.816 |
|                 | 40                         | 334             | 27'-9 1/8"                                                            | 333.135 |
|                 | 41                         | 342             | 28'-5 7/16"                                                           | 341.454 |
|                 | 42                         | 350             | 29'-1 3/4"                                                            | 349.773 |
|                 | 43                         | 358             | 29'-10 1/16"                                                          | 358.092 |
|                 | 44                         | 367             | 30'-6 7/16"                                                           | 366.411 |
|                 | 45                         | 375             | 31'-2 3/4"                                                            | 374.730 |
|                 | 46                         | 383             | 31'-11 1/16"                                                          | 383.049 |
|                 | 47                         | 392             | 32'-7 3/8"                                                            | 391.368 |
|                 | 48                         | 400             | 33'-3 11/16"                                                          | 399.687 |
|                 | 49                         | 408             | 34'-0"                                                                | 408.006 |
|                 | 50                         | 417             | 34'-8 5/16"                                                           | 416.325 |

| Pavers<br>Req'd<br>per Row | MODEL<br>NUMBER | ACTUAL SIZE<br>Out to Out<br>GRID Dimensions<br>(8.319" x N) + 0.375" |         |
|----------------------------|-----------------|-----------------------------------------------------------------------|---------|
|                            |                 |                                                                       |         |
| 51                         | 425             | 35'-4 5/8"                                                            | 424.644 |
| 52                         | 433             | 36'-0 15/16"                                                          | 432.963 |
| 53                         | 442             | 36'-9 5/16"                                                           | 441.282 |
| 54                         | 450             | 37'-5 5/8"                                                            | 449.601 |
| 55                         | 458             | 38'-1 15/16"                                                          | 457.920 |
| 56                         | 467             | 38'-10 1/4"                                                           | 466.239 |
| 57                         | 475             | 39'-6 9/16"                                                           | 474.558 |
| 58                         | 483             | 40'-2 7/8"                                                            | 482.877 |
| 59                         | 492             | 40'-11 3/16"                                                          | 491.196 |
| 60                         | 500             | 41'-7 1/2"                                                            | 499.515 |
| 61                         | 508             | 42'-3 13/16"                                                          | 507.834 |
| 62                         | 517             | 43'-0 1/8"                                                            | 516.153 |
| 63                         | 525             | 43'-8 1/2"                                                            | 524.472 |
| 64                         | 533             | 44'-4 13/16"                                                          | 532.791 |
| 65                         | 542             | 45'-1 1/8"                                                            | 541.110 |



INNOVATIVE BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR THE DESIGN, CONSTRUCTION OR FABRICATION OF THE SUPPORTING STRUCTURE AND/OR CONTAINMENT OPENING. DESIGN OF SUCH IS THE SOLE RESPONSIBILITY OF THE PROJECT ENGINEER/ARCHITECT. INNOVATIVE BUILDING PRODUCTS, INC. IS RESPONSIBLE FOR THE ENGINEERING AND STRUCTURAL INTEGRITY OF THE FLOOR GRID SYSTEM ITSELF.

THE SUPPORTING STRUCTURE MUST BE DESIGNED TO SUPPORT:

1. SELF WEIGHT = 20 P.S.F. WITH GLASS BLOCK PAVERS
2. LIVE LOAD = 100 P.S.F.
3. FACTOR OF SAFETY 25% min.
4. ANY ADDITIONAL LOADS REQUIRED BY THE GOVERNING BUILDING CODES.

MAXIMUM CLEAR SPAN WITHOUT INTERIOR SUPPORT BEAMS:  
 SPANNING MEMBER DIRECTION - 6'-9 3/4"  
 SPACER MEMBER DIRECTION - INFINITY

MAXIMUM CONTINUOUS LENGTH WITH INTERIOR SUPPORT BEAMS AS REQUIRED:  
 SPANNING MEMBER DIRECTION - INFINITY  
 SPACER MEMBER DIRECTION - INFINITY