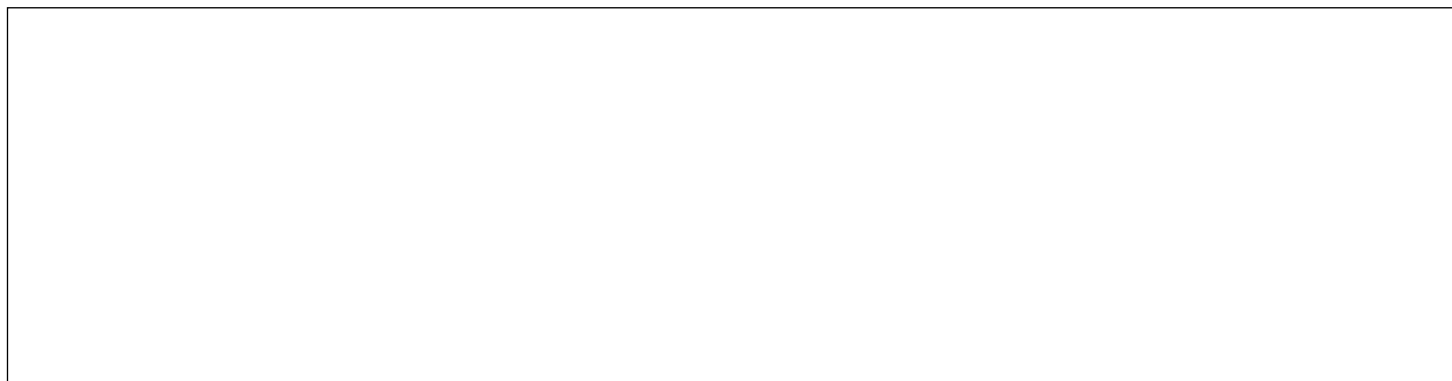




## PRODUCT DATA SHEET

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**A C S Y CA**

The following tests are run in accordance with BMS 4-17 specification requirements.

| <b>C</b>                                   | <b>44</b>                 | <b>44</b>                                | <b>44</b>  | <b>44</b>  | <b>44</b>  | <b>44 A</b>  | <b>44 X</b>  |
|--|---------------------------|--|--|--|--|--|--|
| Weight, psf (kg/m <sup>2</sup> )           | 0.51 (2.49)               | 0.63 (3.07)                              | 0.75 (3.66)  | 0.62 (3.03)  | 1.02 (4.98)  | 0.79 (3.86)  | 1.06 (5.17)  |
| Long Beam Bending, lbs (N)                 | 271 (1,206)               | 288 (1,282)                              | 388 (1,727)  | 460 (2,047)  | 698 (3,106)  | 386 (1,718)  | 787 (3,502)  |
| Deflection @ 100 lbs, inch (@ 445N, mm)    | 0.81 (20)                 | 0.74 (19)                                | 0.57 (14)  | 0.27 (7)   | 0.38 (10)  | 0.57 (14)  | 0.34 (9)   |
| Panel shear, lbs (N)                       | 795 (3,536)               | 1,123 (4,995)                            | 1,400 (6,227)  | 1,194 (5,311)  | 2,175 (9,674)  | 1,544 (6,868)  | 1,850 (8,229)  |
| Drum Peel, in-lbs/3" width (N/76mm width)  | 40 (178)                  | 40 (178)                                 | 42 (187)   | 42 (187)   | 34 (151)   | 40 (178)   | 49 (218)   |
| Core Compression, psi (N/mm <sup>2</sup> ) | 812 (6)                   | 2,080 (14)                               | 2,504 (17)   | 846 (6)  | 3,157 (22)   | 2,786 (19)   | 3,845 (27)   |
| In-Plane Shear, lbs/in (N/mm)              | 385 (67)                  | 430 (75)                                 | 545 (95)   | 446 (78)   | 944 (165)  | 642 (112)  | 895 (157)  |
| Impact, in-lbs (Nm)                        | 55 (6.2)                  | 47 (5.3)                                 | 50 (5.7)   | 46 (5.2)   | 59 (6.7)   | 60 (6.8)   | 140 (15.8)   |
| Warpage, in/ft                             | <0.025 (<0.0003)          | <0.025 (<0.0003)                         | <0.025 (<0.0003)   | <0.025 (<0.0003)   | <0.025 (<0.0003)   | <0.025 (<0.0003)   | <0.025 (<0.0003)   |
| Roller Cart, cycles,                       | No depression at:<br>80k, | No depression at:<br>120k,<br>120-b.lemU | No depression at:<br>120k,<br>VecelkfbilKeKncmkomU2VgmcmmomU | No depression at:<br>120k,<br>VecelkfbilKeKncmkomU2VgmcmmomU | No depression at:<br>125k,<br>VecelkfbilKeKncmkomU2VgmcmmomU | No depression at:<br>120k,<br>VecelkfbilKeKncmkomU2VgmcmmomU | No depression at:<br>125k,<br>VecelkfbilKeKncmkomU2VgmcmmomU |