



| Density             | 15 PSI                                                                                                                  | 25PSI         | 40 PSI        | 60 PSI        |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| R-Value at 75F      | 4.20 / Inch                                                                                                             | 4.20 / Inch   | 4.20 / Inch   | 4.40 / Inch   |
| R-Value at 40F      | 4.6 / Inch                                                                                                              | 4.7 / Inch    | 4.7 / Inch    | 4.7 / Inch    |
| R-Value at 25F      | 4.8 / Inch                                                                                                              | 4.9 / Inch    | 5.0 / Inch    | 5.0 / Inch    |
| Flexural Strength   | 42 psi                                                                                                                  | 55 psi        | 75 psi        | 85psi         |
| Tensile Strength    | 40 psi                                                                                                                  | 50 psi        | 70 psi        | 80 psi        |
| Shear Strength      | 26 psi                                                                                                                  | 36 psi        | 45 psi        | 50 psi        |
| K-Factor at 75F     | 0.240 / Inch                                                                                                            | 0.240 / Inch  | 0.240 / Inch  | 0.227 / Inch  |
| Water Absorbthn     | 1.5 vol% max                                                                                                            | 1.26 vol% max | 1.26 vol% max | 1.25 vol% max |
| Water Vapor         | 2.5 perm max                                                                                                            | 2.5 perm max  | 2.5 perm max  | 2.5 perm max  |
| 15-year Below Grade | NO degradation of Thermal Resistance, Dimensional Stability or Physical Strength after 15-year foundation exposure test |               |               |               |