

KLAASWOOD®

Thermo Oak Siding

| DATA TYPE | PERFORMANCE | STANDARD/CODE REFERENCE | REMARKS |
|-------------------------------------|---------------|-------------------------|--|
| Use Class | UC3A | AWPA U1-22 | Outdoor, above ground applications |
| Durability Class | DC1 | EN 73+113 lab test | Highest rating, expected lifetime > 25 years |
| | | EN 83+113 lab test | |
| | | CEN/TS 12037 | Accelerated field testing Borneo |
| Termite resistance | No resistance | EN 117 | |
| EMC (@ 65% RH, 70o F) | 5.4% | EN 13183-1 | |
| Fire rating | Class C | ASTM E84 | |
| Density | 530 kg/m3 | EN 317 | |
| Fmax | 4,735 N | EN 408+A1: 2012 | |
| Modulus of Rupture | 43.5 Mpa | EN 408+A1: 2012 | |
| Modulus of Elasticity | 11,543 Mpa | EN 408+A1: 2012 | |
| Dimensional stability, longitudinal | 0.1 (0.1) % | EN 317-3 | Water immersion 24 hrs. |
| Dimensional stability, radial | 0.3 (0.1) % | EN 317-3 | |
| Dimensional stability, tangential | 0.7 (0.1) % | EN 317-3 | |
| Janka Hardness, longitudinal | 4,570 N | ASTM D143-94 | |
| Janka Hardness, radial | 3,062 N | | |
| Janka Hardness, tangential | 2,773 N | | |
| Screw withdrawal capacity | 20.33 N/mm2 | EN 13446 | |
| Thermal conductivity | | ISO 13787+EN 12667 | In progress |
| Volatile Organic Compounds TWOC | | KET 3300495 | In progress |

Questions?

Please visit www.klaaswood.com for more information.