

## LD1

### Technical Specifications

| Properties   | ANSI A208.2-2016 (Grade LD1)                   |                              |
|--|--|------------------------------|
|  | Metric   | Imperial                     |
| Moisture content   | Max. 10%                                       |                              |
| Density range  | 450–490 kg/m <sup>3</sup>                      | 28.1–30.6 lb/ft <sup>3</sup> |
|  | Typical density value for Uniboard mills       |                              |
| Thickness tolerance:   |  |                              |
| Between panels   | +0.125 mm to –0.375 mm                         | +0.005 in to –0.015 in       |
| Within panels  | ± 0.125 mm                                     | ± 0.005 in                   |
| Modulus of rupture   | 2.8 N/mm <sup>2</sup>                          | 406 psi                      |
| Modulus of elasticity  | 500 N/mm <sup>2</sup>                          | 72,500 psi                   |
| Internal bond  | 0.10 N/mm <sup>2</sup>                         | 15 psi                       |
| Linear expansion   | < 0.40%  |                              |
| Screw holding:   |  |                              |
| Face   | 360 N  | 81 lb                        |
| Core   | n/a  | n/a                          |
| Formaldehyde emission  | TSCA Title VI; ULEF is available upon request. |                              |
| Length-Width   | ± 2.0 mm                                       | ± 0.08 in                    |
| Uniboard Door Core meets the requirements of ANSI A208.2-2016/Grade LD1 and is available as FSC® certified |  |                              |
| Uniboard Door Core meets CARB Phase 2 standards  |  |                              |

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