

# rinato™ deck boards

without compromise

## Board comparison

| Mechanical property          | Rinato™ Natural                               |                           | Rinato™ Classic |                           | Rinato™ Heritage |                           | Rinato™ Premium                             |              |
|------------------------------|---|---------------------------|-----------------|---------------------------|------------------|---------------------------|---|--------------|
|                              | Test method                                   | Value                     | Test method     | Value                     | Test method      | Value                     | Test method                                 | Value        |
| Tensile strength             | ASTM D638-2010                                | 22.4J/M                   | ASTM D638-2010  | 22.4J/M                   | ASTM D638-2010   | 22.4J/M                   | ASTM D638-2010                              | 22.4J/M      |
| Flexural strength            | ASTM D6109-2010                               | 38.0MPA                   | ASTM D6109-2010 | 44.4 MPA                  | ASTM D6109-2010  | 44.4 MPA                  | ASTM D6109-2010                             | 44.4 MPA     |
| Impact                       | ASTM D638-2010                                | 22.4J/M                   | ASTM D638-2010  | 5.0 kj/m2                 | ASTM D638-2010   | 5.0 kj/m2                 | ASTM D638-2010                              | 5.0 kj/m2    |
| Water absorption             | ASTM D1037                                    | 0.6%                      | ASTM D1037      | 0.19% Max                 | ASTM D1037       | 0.19% Max                 | ISO 62                                      | 0.17% Max    |
| Coefficient of expansion     | Across length                                 | 0.08mm/m/°C               | Across length   | 0.08mm/m/°C               | Across length    | 0.08mm/m/°C               | Across length                               | 0.08mm/m/°C  |
| Specific gravity             | -   | 1.18 +/-0.05              | -               | 1.18 +/-0.05              | -                | 1.18 +/-0.05              | -   | 1.18 +/-0.05 |
| Grooved side slip potential  | BS 7976-2                                     | Dry: Low<br>Wet: Moderate | BS 7976-2       | Dry: Low<br>Wet: Moderate | BS 7976-2        | Dry: Low<br>Wet: Moderate | -   | -            |
| Embossed side slip potential | BS 7976-2                                     | Dry: Low<br>Wet: Moderate | BS 7976-2       | Dry: Low<br>Wet: Moderate | BS 7976-2        | Dry: Low<br>Wet: Moderate | -   | -            |
| Slip potential               | -   | -                         | -               | -                         | -                | -                         | DN51130                                     | Level R10    |
| Scratch resistance           | Should not be considered as scratch resistant |                           |                 |                           |                  |                           | EN 438-2:1991                               | -            |
| Stain resistance             | Should not be considered as stain resistant   |                           |                 |                           |                  |                           | Should not be considered as stain resistant |              |
| Colour stability             | Some colour change can be expected            |                           |                 |                           |                  |                           | EN 438-2: 2005 Less than 4 Delta E          |              |