



## Eska<sup>®</sup> strong

Exceptionally robust and 100% circular

**With its high density and durability, this 100% recycled board is the best sustainable choice for heavier book covers, toys and games, or as a substitute for plastic and wood materials.**

**The unique 'lay flat, stay flat' technology ensures superior rigidity and enduring quality for products that demand extra protection, while enhancing the values of responsible brands.**

## TECHNICAL PROPERTIES (INDICATION)

| CALIPER*<br>According to<br>ISO 534 | GRAMMAGE<br>According to<br>ISO 536 | DYNAMIC STIFFNESS<br>According to<br>ISO 5629 |           | BURSTING STRENGTH<br>According to<br>ISO 2759 |               |
|-------------------------------------|-------------------------------------|---|-----------|---|---------------|
| mm / inches**                       | g/m <sup>2</sup>                    | MD<br>mNm                                     | CD<br>mNm | top<br>kPa                                    | bottom<br>kPa |
| 1.00 / 0.040"                       | 805                                 | 310   | 120       | 1260  | 1260          |
| 1.25 / 0.050"                       | 1010                                | 575   | 220       | 1310  | 1310          |
| 1.50 / 0.060"                       | 1210                                | 905   | 365       | 1425  | 1425          |
| 2.00 / 0.080"                       | 1615                                | 1900  | 800       | 1705  | 1705          |
| 2.25 / 0.089"                       | 1815                                | 2575  | 1110      | 1875  | 1875          |
| 2.50 / 0.098"                       | 2015                                | 3355  | 1485      | 2060  | 2060          |
| 3.00 / 0.120"                       | 2420                                | 5260  | 2445      | 2500  | 2500          |

\* Other calipers available on request.

\*\* The board is produced in mm; the inches in the list are not exact conversions of the calipers in mm, but the closest US equivalent.

|                  | SPECIFICATIONS | UNITS       | TOLERANCES                             |   | TEST METHODS |
|------------------|----------------|-------------|--|---|--------------|
| CALIPER          | See above      | mm / inches | < 1.5 mm / 0.060"<br>≥ 1.5 mm / 0.060" | ± 0.05 mm / ± 0.0020" (pallet average)<br>± 3% (pallet average)   | ISO 534      |
| SIZE             |                | mm / inches | Sheets<br>Rotary cut<br>Die cut        | ± 1 mm / ± 0.040"<br>± 0.25 mm / ± 0.010"<br>± 0.20 mm / ± 0.008"   |              |
| FLATNESS         | 0              | %           | Convex<br>Concave<br>S-shape           | CD max. 1.5%<br>MD max. 1.0%<br>CD max. 1.0%<br>MD max. 1.0%<br>CD - sheets < 1 m / 39,4": max. 3 mm / 0,12"<br>- sheets ≥ 1 m / 39,4": max. 5 mm / 0,20"<br>MD max. 3 mm / 0,12" | Eska         |
| MOISTURE CONTENT | 8.0% abs.      | %           | -1.5 % / +1.0%                         | (pallet average)  | ISO 287      |

## PRODUCT CERTIFICATES

- FSC® certified (FSC-C022653)
- PEFC certified (PEFC/30-32-541)
- EN-71-part 3, Migration of certain elements (Toy Safety)
- Foodstuffs and Consumer Act (Food Safety)

## SIZES

- Large sheets are available in any size from 400 x 500 mm (LG) (15 3/4 x 19 11/16") to 1600 x 1600 mm (LG) (63 x 63")
- Rotary cut sizes are available in any size from 100 x 150 mm (LG) (3 15/16 x 5 29/32") to 680 x 1370 mm (LG) ( 26 3/4 x 53 15/16")
- Other large sheet sizes and die-cut sizes available on request