

# CIRCA™

COATED RECYCLED CARRIER BOARD



CIRCA™ Carrier is an ideal packaging solution for applications that must withstand cold and humid environments while delivering bold, eye-catching graphics.

MULTI-PLY KRAFT BACK CARRIER BOARD



CLEARWATER  
PAPER®

# CIRCA™ Carrier Coated Recycled Board



## Product Uses

Beverage  
Multipacks  
Frozen Food  
Industrial

## Features & Benefits

- Triple layer paperboard with wet strength capabilities.
- Excellent tear strength that performs well in humid conditions.
- Engineered to perform in high speed converting and filling lines.
- Made from 100% post-consumer fiber.

## Finishing Specifications

- Roll Tolerance:  $\pm 1/32"$ .
- Roll Diameter Tolerance:  $\pm 2"$ .
- Joints: Max. 2 per roll, no joints within 8" of final winding.
- Winding Uniformity: Max. 3/8" uneven winding.
- Core Protrusion: Not exceeding 3/8" on either side.
- Edge Cut Quality: Clean cut, free of residue.

## CIRCA™ Carrier C1S Typical Values

| IMPERIAL        | UNITS                   | 12-50   | 14-64   | 17-74   | 18-76   | 19-80   | 22-91   | 24-96   | Tolerance |
|-----------------|-------------------------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Caliper         | mils                    | 12      | 14      | 17      | 18      | 19      | 22      | 24      | +/-1      |
| Basis Weight    | lb/1000 ft <sup>2</sup> | 50      | 64      | 74      | 76      | 80      | 91      | 96      | +/-5%     |
| Brightness      | GE                      | 77      | 77      | 77      | 77      | 77      | 77      | 77      | Minimum   |
| Smoothness      | Sheffield               | 150     | 150     | 150     | 150     | 150     | 150     | 150     | Maximum   |
| Ply-Bond        | lbs/in <sup>2</sup>     | 90      | 90      | 90      | 90      | 90      | 90      | 90      | Minimum   |
| Tear - CD       | gf                      | 290     | 350     | 440     | 470     | 500     | 570     | 590     | +/-10%    |
| Tear - MD       | gf                      | 260     | 320     | 390     | 410     | 420     | 470     | 500     | +/-10%    |
| Moisture        | %                       | 6       | 6       | 6       | 6       | 6       | 6       | 6       | +/-1      |
| Water Immersion | g                       | 450     | 450     | 450     | 450     | 450     | 450     | 450     | Objective |
| Cobb Test       | g/m <sup>2</sup>        | 60      | 60      | 60      | 60      | 60      | 60      | 60      | +/-10     |
| METRIC          | UNITS                   | 305-245 | 356-310 | 432-360 | 457-370 | 483-390 | 559-445 | 610-470 | Tolerance |
| Thickness       | microns                 | 305     | 356     | 432     | 457     | 483     | 559     | 610     | +/-5%     |
| Basis Weight    | gsm                     | 245     | 310     | 360     | 370     | 390     | 445     | 470     | +/-5%     |

## SELECTED STANDARDS & CERTIFICATIONS

### This Product:

- Complies with California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986).
- Meets the requirements of the EU REACH Regulation (EC No. 1907/2006) (Registration, Evaluation, Authorization, and Restriction of Chemicals).
- Contains no REACH Substances of Very High Concern (SVHC) above the 0.1% threshold.
- Adheres to CONEG/Toxics in Packaging laws.
- Complies with Article 11 of the EU Packaging and Packaging Waste Directive (94/62/EC).

The information provided in this Product Guide is accurate to the best of Clearwater Paper's knowledge and belief. It is intended only as a general introduction to the typical properties of the product.

Clearwater Paper disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice. The product values fall within standard mill tolerances and are subject to change without notice.

Basis weight may vary by production run.

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