Aqua-Kote® Carrierboard

**Product Profile - International**

**Description**
A high wet-strength sheet used primarily for beverage packaging. Designed to provide package integrity in high humidity conditions in filling line production, distribution and usage.

**Features**
- Made from solid unbleached sulfate virgin kraft fiber, recycled pre-consumer and post-consumer fiber
- Wet strength
- Two plies
- Three layers of icy blue-white coating
- Naturally beautiful brown back
- High stiffness
- High resistance to tear, puncture and corner crush

**Advantages**
- Superior tear resistance when wet
- Excellent dry tear resistance
- Beautiful graphic reproduction for eye-catching packages
- Time proven for multiple packaging in wet environments
- Performs well on high-speed multiple packaging lines
- Made from renewable and renewed resource and recycled fiber
- SUS®/Gd2 carrierboard technology developed by Riverwood International
  - First wet-strength paperboard grade
  - First paperboard machine designed specifically for carrierboard (1966)

**Inspection Standards**
The following defects are not allowed: scabs, holes, unmarked splices, wrinkles, calendar cuts, shaving/scrap in rolls

**Slitting and Winding Requirements**
- Roll widths are cut and sold to the nearest 1/8”
- Roll width tolerance is +/- 1/16”
- Roll diameter tolerance is +/- 1/2”
- Splices - No closer than 1” of diameter, max 2 per roll
- Telescoping - Not to exceed 1/2”, measured from core to top of roll
- Cores - Not to extend more than 1/4” from either side of roll
- Edges - Clean cut (dust free)

**Machine Trim**
- #2 GA 183.5”
- #6 LA 16-23 pt 227.5”
- 24-28 pt 225.0”
- #7LA 234.0”

*Produced by Riverwood International*
## Technical Specifications - International

### Aqua-Kote® Carrierboard

#### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sheffield Smoothness</strong></td>
<td><strong>GE</strong></td>
</tr>
<tr>
<td>Nominal</td>
<td>140</td>
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<tr>
<td>Range</td>
<td><strong>MAXIMUM 225</strong></td>
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<tr>
<td><strong>TAPPI</strong></td>
<td>T538</td>
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</table>

**Brightness**

<table>
<thead>
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<th>Specification</th>
<th>Value</th>
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<tr>
<td><strong>Scott Ply Bond</strong></td>
<td><strong>Moisture</strong></td>
</tr>
<tr>
<td>Nominal</td>
<td>74</td>
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<tr>
<td>Range</td>
<td><strong>MAXIMUM 74</strong></td>
</tr>
<tr>
<td><strong>TAPPI</strong></td>
<td>T412</td>
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</tbody>
</table>

### Additional Specifications

- **Elmendorf Wet Tear**
  - **MD**
    - Nominal: 3923 μN
    - Minimum: 2455 μN
  - **CD**
    - Nominal: 4168 μN
    - Minimum: 2697 μN

- **Elmendorf Dry Tear**
  - **MD**
    - Nominal: 4217 μN
    - Minimum: 2746 μN
  - **CD**
    - Nominal: 4658 μN
    - Minimum: 2991 μN

- **Taber Stiffness**
  - **MD**
    - Nominal: 190 g/cm
    - Minimum: 90 g/cm
  - **CD**
    - Nominal: 18.6 mN
    - Minimum: 8.8 mN

- **L&W Stiffness 15°**
  - **CD**
    - Nominal: 386 mN
    - Minimum: 183 mN

### Additional Notes

- **Effective Date:** 1 May 2001

**SPECIFY: Rotogravure, Flexographic or Lithographic Process When Ordering**

Stiffness measurements made using Taber at 15° (TAPPI T489). Minimum -15% All physical measurements done at 23°C 50% relative humidity. Specifications are for quality control measures of paperboard samples from mill reels. Measurements taken after sheeting or other conversion processes may not match these specifications. *Values are based on approximate conversion factors rather than actual test data.