

C-TEK® Rideboard™

Wood replacement sheet—durable, stable, can be cut, machined, nailed, screwed, glued and painted



C-TEK® Rideboard™ is a variation of foamed board with added density and stability. It can be cut, machined, nailed glued, and screwed just like wood. C-TEK® Rideboard™ is manufactured using a combination of expanded PVC and wood flour. This combination offers greater stability and a denser composition to the PVC sheet which provides for greater “pull-out” strength when using fasteners. A wood-grain emboss can be added.

C-TEK® Rideboard™ provides long term cost savings over natural wood – which frequently rots and requires replacement.

C-TEK® Rideboard™ is widely used for:

- Amusement park applications: condiment stands, railings, benches
- Trim/fascia boards
- Roll-up doors
- Low moisture absorption alternative to wood, masonite, fiberboard, aluminum and much more

Performance characteristics:

- Low moisture absorption
- Low expansion and contraction
- Can be easily painted, printed, and glued
- Can be easily routed, drilled, cut, and sawed
- Lightweight; does not splinter
- Impervious to insect infestation
- Wood grain texture available
- Fire resistant (UL-94 V0, 5V)

Available in:



Sheet

TYPICAL PROPERTIES OF C-TEK® RIDEBOARD™

| | UNITS | ASTM TEST | C-TEK® RIDEBOARD™ |
|-----------------------------------|-------------------|------------|------------------------|
| Density | g/cm ³ | D792 | 0.75 |
| Tensile strength @ yield MD | psi | D638 | 2,800 |
| Elongation @ break MD | % | D638 | 15 |
| Flexural modulus MD | psi | D790 | 180,000 |
| Impact strength Izod (notched) MD | ft-lbs/in | D256 | 0.3 |
| Shore D hardness | N/A | D2240 | 68 |
| Heat deflection temperature | °F | D648/66psi | 140 |
| Coefficient of linear expansion | in/in/°F | D696 | 2.3 x 10 ⁻⁵ |

Values may vary according to brand name. Please ask your Curbell Plastics representative for more specific information about an individual brand.