Ultra C™ Doctor Blades

Carbon Fiber Blades

**Applications**

The Kadant Ultra C 100% carbon fiber doctor blade provides long life with excellent cross machine flexibility and conformability. Superior material for ceramic, granite, and composite press rolls.

**Features**

- 100% carbon fiber construction with unidirectional construction
- Proprietary resin composite
- Maximum temperature: 360°F (180°C)
- Available thicknesses: 0.055” (1.4 mm) – 0.080” (2.0 mm)

**Benefits**

- Conforms easily to roll surface
- Enhanced MD strength for excellent sheet shedding
- Low energy consumption
- Long wear life

**Ultra C advantages**

With five times more cross machine flexibility than conventional blades, Ultra C will conform to the roll surface at lower pressure. This patented technology results in a thin blade profile specifically designed to maintain a clean sharp edge for doctoring ceramic, granite, and composite press rolls. It is equally effective on dryers and calender roll. Ultra C also has unique chemical resistant properties, provides enhanced machine direction strength for sheet shedding excellence, and has a low coefficient of friction for low energy consumption.

**Kadant experience**

Kadant has been a global market leader in doctoring systems and technologies for more than 80 years. During that time, our doctor assemblies and diverse family of carbon fiber, composite, and metal doctor blades have earned a reputation for high precision, efficiency, and reliability. Our field engineers are trained to identify machine doctoring problems and provide cost-effective solutions that provide the papermaker the opportunity to increase efficiency and productivity.