

**Stone Boss**  
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## **-Technical Data Sheet-**

### **Panther Pure Knife Grade**

**Product: Panther Pure Knife Grade**

Material Class: Vinyl Ester Adhesive System for Interior Use Only

#### 1) Handling Properties

Mix Ratio: 100:2 resin to paste hardener by weight (Ratio Tolerance: 1-3%)  
Gel Time at 70 degF: 3-6 minutes  
Cure Time at 70 degF: 15-25 minutes

#### 2) Mechanical Properties

Shore D Hardness: 87  
Tensile Strength: 9,000 psi  
Flexural Strength: 13,000 psi  
Compressive Strength: 19,000 psi  
Cure Shrinkage: <1%

#### 3) Chemical Resistance

Water Absorption: < 0.5%  
Salt (10%): Stable  
Ammonia (10%): Stable  
Hydrochloric Acid (10%): Not Tested  
Acetic Acid (10%): Not Tested  
Petroleum: Stable  
Lubricating Oil: Stable

#### 4) Physical Properties

Color: Light Translucent White  
Consistency: Thick Paste

#### STORAGE

- Keep the container closed when not in use
- To maximize shelf life, store in a climate controlled environment not exceeding 85°F (29°C)
- Avoid exposure to direct sunlight
- Proper storage should result in a shelf life of 6 months (estimate)

#### SAFETY

- Follow all safety measures provided on product label and SDS

\*\*\* This data is provided for informational purposes only. Results based on tests performed by Superior Stone Products.\*\*\*

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