

ECA-032 Epoxy Hardener

4:1 Mix Ratio

Description:

ECA-032 is a medium cure hardener capable of curing at room temperature but optimal physical properties occur when cured between 160 – 190 ° F in a heated compression molded press. ECA-032 is designed to minimize skin irritation potential. ECA-032 provides optimal adhesion, flexural and impact strengths in all types of composite sporting goods. Skis, snowboards and paddles are some of the products manufactured with ECA-032. Compression molding and Air-Bag press temperatures between 170 – 180 ° F will cure skis and boards in approximately 20-25 minutes. Vacuum bagging is also an effective method but elevated temperatures are still recommended. These times and temperature will vary depending on press conditions and ambient temperatures. Test and approve all press conditions and cure profiles in your ski or board design.

Advantages:

- Improves adhesion to difficult substrates.
- Medium cure.
- High strength and excellent chip resistance.
- Low viscosity and low color.

Physical Properties:

<u>Property</u>	<u>Method</u>	<u>Value</u>
Mix ratio	Weight	Resin 100 Hardener 25
Color	Visual	Amber
Viscosity @ 77°F (cps)	Brookfield	180-300
Pot Life (150gm 77°F)		25 Minutes
Density	Weight/gal	8.6

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Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.

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