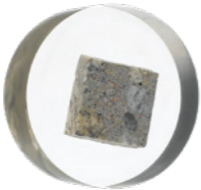



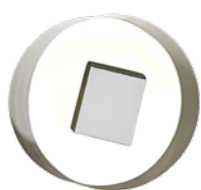




	EDGE RETENTION / GENERAL USAGE			SPEED OPTIMIZED														
Resin name	EpoFix	SpeciFix	CaldoFix-2	ProntoFix standard	ProntoFix accelerated													
																		
Application	Vacuum & low temperature Very low shrinkage and ideal for vacuum impregnation of pores and cracks. Ideal for heat sensitive specimens & cover all materials	Extreme adhesion Very clear mounts that cures relatively fast. Cures in oven or Drybox, while maintaining low shrinkage	All-round vacuum Short curing time and low viscosity for optimal impregnation. Hardest Struers epoxy mount available.	Fast without oven Speed optimized epoxy resin. Excellent adhesion and superior penetration of cracks & pores when using vacuum impregnation. Use of standard vs. accelerated version depends on mounting cup diameter and lab temperature - see table:														
				<p style="text-align: center;">DIAMETER OF CUP (mm) (") ***</p> <p style="text-align: center;">Ø25 Ø1.00 Ø30 Ø1.25 Ø40 Ø1.50</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">TEMPERATURE IN LAB (°C) (°F)</td> <td style="text-align: center;"><23 <73.4</td> <td style="background-color: #003366;"></td> <td style="background-color: #003366;"></td> <td style="background-color: #800080;"></td> </tr> <tr> <td style="text-align: center;">23-27 73.4-80.6</td> <td style="background-color: #003366;"></td> <td style="background-color: #800080;"></td> <td style="background-color: #FF6600;"></td> </tr> <tr> <td style="text-align: center;">>27 >80.6</td> <td style="background-color: #800080;"></td> <td style="background-color: #FF6600;"></td> <td style="background-color: #FF6600;"></td> </tr> </table> <p style="text-align: center;">RECOMMENDATIONS</p> <p style="text-align: right;"> ■ Curing not possible in less than 4 hours ■ Accelerated system ■ Standard system </p>		TEMPERATURE IN LAB (°C) (°F)	<23 <73.4				23-27 73.4-80.6				>27 >80.6			
TEMPERATURE IN LAB (°C) (°F)	<23 <73.4																	
	23-27 73.4-80.6																	
	>27 >80.6																	
Shrinkage level	Very low	Very low	Very low	Very low														
Edge retention	Good	Good	Good	Good														
Removal rate	High	High	High	High														
Mount hardness	78 Shore D	82 Shore D	85 Shore D	83 Shore D														
Curing time	12 hours*	3 ½ hours* (oven at 50 °C / 122 °F)	90 min * (oven at 75 °C / 167 °F)	90 min. **	90 min. ***													
Peak temperature	40 °C / 104 °F	100 °C / 212 °F	170 °C / 338 °F	140 °C / 284 °F														
Viscosity	Low	Low	Low	Very low														
Can be colored with EpoDye	Yes	Yes	Yes	Yes														
Color	Clear, transparent, Refractive index: ND = 1.578	Clear, transparent, Refractive index: ND = 1.573	Clear, transparent, Refractive index: ND = 1.561	Transparent, Yellow														
Chemical resistance	Excellent	Excellent	Excellent	Excellent														
Vacuum applicable	Yes	Yes	Yes	Yes														
Mixing ratio – weight (recommended)	Resin: 25 parts Hardener: 3 parts	Resin: 2.5 part Curing agent: 1 part	Resin: 25 parts Hardener: 7 parts	Resin: 20 parts Hardener: 5.3 parts	Resin: 20 parts Hardener: 4.2 parts Accelerator: 1.1 parts													
Mixing ratio – volume	Resin: 15 parts Hardener: 2 parts	Resin: 10.5 part Curing agent: 5 parts	Resin: 31 parts Hardener: 10 parts	Resin: 20 parts Hardener: 5.8 parts	Resin: 20 parts Hardener: 4.6 parts Accelerator: 1.1 parts													
Mixing time	2 min.	3 min	5 min.	1 min.														
Pot life	30 min.	> 60 min.	> 60 min.	25 min.	20 min.													

* 30 mm dia. mount without specimen at 21 °C / 70 °F. ** 40 mm mount, 10% specimen volume, 25 °C / 73 °F ambient temperature. *** 30 mm mount, 10% specimen volume, 25 °C / 73 °F ambient temperature.