



The low viscosity of Fast Hardener allows for quick wet-out of the heavy reinforcing fabrics often used in repair applications. **MAS Non-Blushing Fast Hardener** is a room temperature rapid hardener for use with MAS Epoxy Resins. Fast Hardener can also be used as an accelerator for the MAS Slow or Medium Hardeners when customized cure times are required. Appropriate applications for Fast include: bonding hardware, spot filling, and fairing. Additionally, the superior bonding strength of Fast formulas is ideal for high strength secondary bonding applications such as structural tabbing and repair of laminations. The rapid cure time of Fast allows overnight curing in low temperature conditions. We do not recommend mixing more than 5 oz. of formula unless rapid application techniques are incorporated. An induction time of 1-2 minutes is recommended prior to application of formula. **Always maintain a 2:1 ratio of resin : hardener.**

STORAGE LIFE: A minimum of 12 months in a sealed container at ambient temperatures.
Caution: you may find amine blush on the surface after cure. Wash it off water, ONLY, and let dry thoroughly before recoating.

SPECIFICATIONS:			
Color (Gardner)	2	Cure Schedule	2 - 5 days @ ambient temperatures
Viscosity @77 ⁰ F cp	250		
Specific Gravity @77 ⁰ F	1.08	Performance:	
Flash Point (closed cup) ⁰ F	250	Tg ⁰ F	Please contact factory for more information.
HANDLING PROPERTIES:		Barcol Hardness	
Mix Ratio	2:1 Resin to Hardener	(Model GYZI-935)	
Mixed Viscosity w/MAS Resin @77 ⁰ F	550 - 650 cps	Bond Strength, psi (steel to steel)	
Pot Life, mins. (150g mix @77 ⁰ F)	7	Flexural Strength, psi	
Pot Life, mins. (150g mix @77 ⁰ F)	7	Flexural Modulus, psi	
Thin Film Set, hrs. @77 ⁰ F	2	Tensile Strength, psi	
Peak Exotherm, ⁰ F (100mg mix @ 77 ⁰)	370	Tensile Modulus, psi	
		Elongation, %	

Physical properties are subject to change based on formula updates. Please contact factory for more information.

We highly recommend this hardener for your filleting and fairing applications