

# Product Selection

## COMMON USES OF EPIGLASS® HT9000® EPOXY SYSTEM



**Epiglass® HT9000® Resin Mix**

- Product's high strength and durability is suitable for sheathing, laminating, filling, fairing and gluing applications.
- Low viscosity formula for ease of mixing and wet out.
- Good compatibility with a wide range of laminates and cloth types
- Good flexibility due to range of curing agents adapted to different climates or application environments with simple 4:1 mix ratio
- Solvent free and low odour for a safer, cleaner working environment.
- Good water barrier properties so can be used above and below waterline

**USES: sheathing, laminating**



**Epiglass® HT120 Glue Blend**

- Produces high strength epoxy glue when mixed with Epiglass® HT9000® resin mix
- Suitable for filling applications and is easy to sand
- Does not increase the volume of the resin mix
- Adaptable to diverse working conditions above and below the waterline



**Epiglass® HT450 Filler Blend**

- Low density, and high strength
- Suitable for filling and coving
- Specific lightweight powder formulation
- Good trowel and feathering properties and easy to sand

**USES: economical fairing for large areas**

## EPIGLASS® HT9000® HARDENERS

The diversified uses for epoxy resin means no single hardener can satisfy all requirements. Epiglass® HT9000® has a simple hardener range to accommodate all uses. The following hardeners are available for use with Epiglass® HT9000® Epoxy Resin.

### Standard hardener

This is the most widely used hardener, suitable for most applications.  
Gel time per 100gms : 30 minutes at 25°C.

### Fast hardener

This product has been formulated to accommodate colder climates or users that require a fast curing system.  
Gel time per 100gms : 15 minutes at 25°C

### Slow hardener

This product has been formulated for use in warmer climates, typically above 25°C.  
Gel time per 100gms : 50 minutes at 25°C

SEALING FIBREGLASS	YES		
LAMINATING	YES		
SHEATHING	YES		
FILLING & FILLETING	YES	YES	
BONDING WOOD	YES	YES	
FAIRING; FILLING ABOVE WATER	YES		YES
FAIRING; FILLING BELOW WATER	YES		YES

Type of mix required by volume	Epiglass® HT9000® Resin Mix	Epiglass® HT120 Glue Blend	HT450 Filler Blend
LOW VISCOSITY GLUE MIX	1	0.75	
HIGH VISCOSITY GLUE MIX/FILLET MIX	1	1.5	
LIGHTWEIGHT FILLER MIX	1		3
FAIRING MIX	1		3



**IMPORTANT:** ALL INTERNATIONAL PAINTS ARE FULLY COMPATIBLE WITH THE EPIGLASS® HT9000® SYSTEM. TO ENSURE TOTAL COMPATIBILITY, USE A FULL EPIGLASS® HT9000® SCHEME.



**IMPORTANT:** THE MORE YOU MIX THE FASTER IT CURES – HIGHER TEMPERATURES MEAN A SHORTER POT LIFE, IN HOT WEATHER THE POT LIFE OF MIXED EPOXY RESIN IS SHORTENED. THEREFORE, MAKE A LARGER NUMBER OF SMALL MIXES. POUR INTO A FLAT TRAY TO REDUCE BULK.

**Note:** The above chart is parts by volume of additive to mixed resin & hardener. Volume can be altered to suit a particular job.