



EPOXY LAMINATING RESINS



BC5003

BC 5003 is a medium viscosity, unfilled laminating system. It is a room temperature curing resin with a relatively short pot life. BC 5003 is also considered an excellent general purpose adhesive for in-shop use. Recommended for use in gluing up BCC's Tooling Board Series.

Features:

- Mix ratio: 100:20 by wt.
- Mix ratio: 100:22 by vol.
- Pot life: 14-15 minutes
- Viscosity (Mixed)@ 75F: 3,500cps
- Cure schedule: 6-8 hours
- Color: Clear or Red



BC5008-2

BC 5008-2 is a very low viscosity, modified, unfilled, room temperature curing, general purpose resin system. BC 5008-2 is a clear, amber, medium pot life material, with heat resistance to 175°F. BC 5008-2 is considered an excellent general purpose adhesive for in-shop use and will function as a laminating system for horizontal surfaces.

Features:

- Mix ratio: 100:25 by wt.
- Mix ratio: 100:26 by vol.
- Pot life: 25-30 minutes
- Viscosity (Mixed)@ 75F: 500cps
- Cure schedule: 8-12 hours
- Color: Translucent Amber

BC5010

BC 5010 is a high quality, low viscosity room temperature curing laminating resin. A Safety System for the production of a variety of dimensionally stable fiberglass tools. BC 5010 features low odor and rapid "wet-out" with no vertical drain off. An excellent general purpose laminating resin to meet the tooling requirements for automotive, aircraft and foundry.

Features:

- Mix ratio: 100:16 by wt.
- Mix ratio: 100:22 by vol.
- Pot life: 25-30 minutes
- Viscosity (Mixed)@ 75F: 3,200cps
- Cure schedule: 8-12 hours
- Color: White or Blue

BC5114

BC 5114 is a gray low viscosity laminating system. This heat resistant resin exhibits excellent wet out, reasonable working time and may be used at room temperature without post-curing. For use above 150°F a post-cure is required. BC 5114 can afford consistent use to 300°F if required. Does not contain VCHD or MDA. Same uses as with BC 5105. See cure schedule.

Features:

- Mix ratio: 100:13 by wt.
- Mix ratio: 100:18 by vol.
- Pot life: 60 minutes
- Viscosity (Mixed)@ 75F: 3,600cps
- Cure schedule: 24 hours
- Color: Gray

BC5105

BC 5105 is a clear, unfilled, low viscosity laminating system. This heat resistant resin exhibits excellent wet out, reasonable working time and may be used at room temperature without post-curing. For use above 150°F a post-cure may be required. BC 5105 can afford consistent use to 300°F if required. Excellent for carbon fiber laminating.

Does not contain VCHD or MDA. Useful for:

- *Constructing vacuum form tools
- *Injection and compression molds
- *RTM and RIM molds
- *Matched dies

Features:

- Mix ratio: 100:17 by wt.
- Mix ratio: 100:20 by vol.
- Pot life: 55 minutes
- Viscosity (Mixed)@ 75F: 2,000cps
- Cure schedule: 16-24 hours
- Color: Clear

BE290

BE 290 is a low viscosity, medium pot life, room temperature laminating system. BE 290 features low odor, reduced toxicity and adequate working life for constructing medium and large fabricated tools.

Features:

- Mix ratio: 100:33 by wt.
- Mix ratio: 100:40 by vol.
- Pot life: 65-70 minutes
- Viscosity (Mixed)@ 75F: 2,700cps
- Cure schedule: 24 hours
- Color: Clear

Product	Mix Ratio (by weight)	Mix ratio (by volume)	Pot Life (minutes)	Viscosity (cps) (mixed @ 75°F)	Cure Schedule (hours)	Color
BC5003	100:20	100:22	14-15	3,500	6-8	Clear or Red
BC5008-2	100:25	100:26	25-30	500	8-12	Translucent Amber
BC5010	100:16	100:22	25-30	3,200	8-12	White or Blue
BC5114	100:13	100:18	60	3,600	16-24	Gray
BC5105	100:17	100:20	55	2,000	16-24	Clear
BE290	100:33	100:40	65-70	2,700	24	Clear



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