



BCC PRODUCTS, INC.



BLEHM PLASTICS

FAST CAST – EPOXIES – URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

BP 2186
HIGH TEMPERATURE - ALUMINUM FILLED
EPOXY LAMINATING RESIN

DESCRIPTION:

BP 2186 is a high-temperature, aluminum-filled epoxy laminating resin which provides easy brushing characteristics and quick wet-out of fiberglass cloth, while at the same time limiting run-off from vertical surfaces to a minimum. BP 2186 is formulated to have minimum skin irritation potential and avoids all carcinogenic materials in both the resin and hardener.

USE PROCEDURE:

BP 2186 is usually used in conjunction with a high-temperature surface coat such as BP 3176, BP 3178, or BP 3180. Mix the resin and hardener in the ratio of 100 parts resin to 14 parts hardener, by weight. Apply with either a brush or squeegee taking care to avoid excess resin-rich areas. The pot-life of a 114 gram mass will be approximately 55 minutes. Laminates should be allowed to cure for at least 16 hours at 72°F before removing from the mold. Subsequent lamination on top of a cured laminate will have excellent ply-to-ply adhesion. When the laminate is to be used at elevated temperatures, it should be given a post-cure. A suggested cure schedule is:

4 Hrs. @ 130°F
4 Hrs. @ 240°F

PROPERTIES:

Mix ratio - resin/hardener:	100/14 by weight
Viscosity - mixed:	4,100 cps
Pot life - 114 grams:	55 minutes @ 72°F
Specific gravity - resin:	1.217
Specific gravity - hardener:	1.01
Hardness:	Shore D 85
Heat deflection temperature:	240°F

PRECAUTIONS:

Skin contact should be avoided. After using, clean hands with alcohol followed by soap and water. For eye contact, flush with water and consult a physician immediately. For further safety information, please see the

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