

BC6004

Epoxy Surface Coat

BC 6004 is a white thixotropic epoxy surface coat that has the ability to cure and bond to freshly poured wet plaster. This formulated resin compound can be applied with a brush or troweled to a thickness of 1/8" or less on vertical surfaces or over sharp radii without sag or fear of run-off. BC 6004 features moderate heat resistance and tracing hardness.

Features:

Mix ratio: 12:1 by wt.

Mix ratio: 7:1 by vol.

Pot life: 15-20 minutes

Viscosity (Mixed)@ 75F: Thixotropic paste

Cure schedule: 8-12 hour

Color: White

BC6005

Epoxy Surface Coat

BC 6005 is a snow white thixotropic epoxy resin designed specifically for quality reproduction of a variety of surfaces. A room temperature cure system that offers ample working time yet affords quick-tack for lamination. BC 6005 may be applied easily with a brush or troweled to a thickness of 1/8" or less on vertical surfaces or over sharp radii without sag or fear of run-off. When cured, this resin system provides a hard tough chip-resistant surface.

Features:

Mix ratio: 6:1 by wt.

Mix ratio: 4:1 by vol.

Pot life: 18-22 minutes

Viscosity (Mixed)at 77F: Thixotropic

Cure schedule: 8-12 hours

Color: White

BC6060

Epoxy Surface Coat

BC 6060 is a blue epoxy, abrasion resistant surfacing resin. Commonly referred to as "die surface" material, this system may be applied by brush or if preferred, cast in thin sections to a maximum of 1/2". Ideally suited for a variety of applications, BC 6060 is recommended for dies, foundry pattern and core boxes, router, trim and inspection fixtures.

Features:

Mix ratio: 100:9 by wt.

Mix ratio: 100:15 by vol.

Pot life: 30-35 minutes

Viscosity (Mixed)@ 77F: 25,000

Cure schedule: 12-16 hours

Color: Blue

BC6126

Epoxy Surface Coat

BC 6126 is a gray, low toxicity, aluminum filled, epoxy surface coat. This thixotropic resin system provides excellent surface duplication along with vertical coverage to 1/16 inch thickness. This heat resistant system may be used at room temperature without post-curing. For use above 150°F a post-cure is required. BC 6126 was engineered to replace VCHD and MDA systems while retaining excellent heat resistance. It is designed for consistent use up to 300°F.

BC 6126 was developed for:

* Constructing vacuum form tools

* RTM and RIM molds

* Compression and injection molds

* Matched dies

Features:

Mix ratio: 100:10 by wt.

Mix ratio: 100:15 by vol.

Pot life: 45 minutes

Viscosity (Mixed)@ 77F: Thixotropic paste

Cure schedule: See Tech Datasheet

Color: Gray

BC6128

Epoxy Surface Coat

BC 6128 is a black, non-staining, silicon carbide filled, "die surface" surfacing resin. This thixotropic resin system provides excellent surface duplication along with good vertical coverage. Extended mold life due to superior wear resistance and hardness are the major benefits derived from its use. This heat resistant system may be used at room temperature without post-curing. For use above 150° F a post-cure is required. BC6128 can afford consistent use to 300° F if required. Does not contain VCHD or MDA.

Designed for uses in:

*RTM and RIM molds

*Constructing vacuum form tools

*Injection and compression molds

*Matched dies

Features:

Mix ratio: 100:7 by wt.

Mix ratio: 100:13 by vol.

Pot life: 35-45 minutes

Viscosity (Mixed)@ 75F: Thixotropic paste

Cure schedule: See Tech Datasheet

Color: Black

BC8880

Polyurethane Elastomer Surface Coat

BC8880 is a two-part urethane gel coat which exhibits excellent handling characteristics and very low moisture sensitivity. Its characteristics include a high modulus and a high hardness. It is a brushable room temperature curing urethane, which finds many general purpose applications such as foundry patterns, cure box liners, and abrasion resistant pads and bumpers. It may also be used as a urethane adhesive.

Features:

Mix ratio: 100:60 by wt.

Pot life: 12-15 minutes

Viscosity (Mixed): Thixotropic

Demold time: 8-12 hours

Hardness (shore): 60D +3 Color: Available in Amber, Black or Red

BC8890

Polyurethane Elastomer Surface Coat

BC8880 is a two-part urethane gel coat which exhibits excellent handling characteristics and very low moisture sensitivity. Its characteristics include a high modulus and a high hardness. It is a brushable room temperature curing urethane, which finds many general purpose applications such as foundry patterns, cure box liners, and abrasion resistant pads and bumpers. It may also be used as a urethane adhesive.

Features:

Mix ratio: 100:60 by wt.

Pot life: 13 minutes

Viscosity (Mixed): Thixotropic

Demold time: 2-3 hours

Hardness (shore): 70D +2 Color: Available in Amber, Black or Red

EPOXY SURFACE COATS

Polyurethane Elastomer Surface Coats

Performance and Superior coverage is the name of the game when it comes to Surface Coats!
With BCC Surface Coats You get both!