



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

URETHANE ELASTOMER SURFACE COAT

(Light Amber)
BC8890

Urethane

BC 8890 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.

Working Properties

Mix Ratio:

Resin Part A	100 parts by Weight
Curative Part B	60 parts by Weight
Viscosity, Centipoise (cps) @ 75°F	
Mixed, @ 1.5 Min.	Thixotropic
Work Life @ 75°F	13 minutes
Color, Part A	Clear
Part B	Light Amber
Demold Time:	Normally 2 to 3 hours at ambient; can be reduced to 1 hour with moderately elevated temperatures and/or molds.

Cure Schedule: Full cure in 3 to 5 days at room temperature or 16 hours @ 150° to 180°F.

Physical Properties

Specific Gravity (gm/cc) density	1.10
Cu. in./lb.	25.2
Hardness, Shore D	70 ± 2
Tensile Strength (psi) ASTM D-412	3,800 psi
Tensile Modulus (psi)	36,000
Shrinkage (in./in.)	0.0025
Color	Light Amber
Elongation (%) ASTM D-624	400
Tear Strength (pli) ASTM D-412	650
Flexural Strength (psi) ASTM D-790	3,700
Flexural Modulus (psi) ASTM D-790	78,000

2140 Earlywood Drive, P.O. Box 327, Franklin, IN 46131

Ph (317) 736-4090 Fax (317) 736-4872

Web: www.bccproducts.com & www.blehmplastics.com