

# BCC Resins BC 5200

Epoxy; Epoxide

BCC Products Inc.

## Message:

BC 5200 is a medium viscosity fast gelling two part Epoxy Adhesive System. With an easy to use 1 to 1 mix ratio, BC 5200 is considered an excellent general purpose adhesive for in-shop use. BC 5200 will bond to wood, concrete, select plastics, and most metal surfaces.

### Surface Preparation:

Areas to be adhered to should be clean and dry, free of dust, oil, and release agents. It is advisable to scarify the surface with sand paper prior to application.

### Mixing Instructions:

Combine 1 part of Resin to 1 part of Hardener by weight or by volume. Setting time is 4 to 4.5 minutes. May be applied by any reasonable thickness by spreading or splining. Do not work with more material than can be applied in 4 minutes. Surfaces should be held in position until cure is affected.p

General Information			
Features	Fast Gel		
	Medium Viscosity		
Uses	Adhesives		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	53.8	MPa	ASTM D638
Tensile Elongation (Break)	4.5	%	ASTM D638
Compressive Strength	67.6	MPa	ASTM D695
Shear Strength	19.3	MPa	ASTM D732
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0, Mix Ratio by Volume: 1.0		
Resin	Mix Ratio by Weight: 1.0, Mix Ratio by Volume: 1.0		
Pot Life (24°C)	4.0 to 4.5	min	
Thermoset Mix Viscosity (24°C)	13000	cP	ASTM D2393

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## Recommended distributors for this material

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