



Product Datasheet

Urea Spray System

BC8250SE / Iso 12

Description BC8250SE / Iso 12 is a two component 100% polyurea spray elastomer system designed for industrial coating applications. Being a full urea system, the BC8250SE reacted with Iso 12 exhibits good moisture tolerance and capable of layering up to ½ inch.

PROPERTIES

Parameter	Polyol side	Prepolymer side
Viscosity, cps (mPa·s) @ 25°C (77°F)	400 to 700	2500 to 3500
Density, g/cm ³ @ 25°C (77°F)	1.01	1.09
Appearance	Turbid Liquid	Clear to amber Liquid
Shelf Life, months	6	6
Storage conditions	Keep at 60 to 90°F in tightly sealed containers	
Processing Temperature	60-80°C (140-176°F)	60-80°C (140-176°F)
Mix ratio, by Volume	1.0	1.0
Mix ratio, by Weight	100	107
Gel Time	10 to 20 sec.	
Tack Free Time	50 to 90 sec.	
Curing time, hrs.	24 hours @ 25°C (77°F)	

Please note the information contained in this bulletin is a reference only and not meant as a specification. Please contact the technical service department at BCC to obtain material specifications.

TYPICAL CURED PROPERTIES

Tensile Strength, (psi)	2012
Elongation, %	500
Tear, Die C,(pli)	350
Hardness, Shore A	80 to 90

Safety: Read and understand MSDS's before use. Use only in well ventilated areas. Avoid contact with skin. Wear chemical resistant gloves and proper safety equipment. If swallowed, call physician immediately. For eye contact, flush with water for 15 minutes and get medical attention.

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