



## BC Eco pure Polyol

### Product Description:-

Solvent free.very fast two-component eco friendly polyurea coating material. This permanently elastic and crack-bridging coating material is designed for use in surface protection, especially concrete protection.

### Safety Considerations:

Safety data sheets (SDS)are available from the BCI Chemical industry. SDS Sheets are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS Sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. These are available from the nearest BCI sales office.

### Customer Notice:

BCI encourages its customers to review their applications of BCI products from the standpoint of human health and environmental quality. To help ensure that BCI products are not used in ways for which they were not intended or tested, BCI personnel are willing to assist in dealing with ecological and products safety consideration. Your BCI representative can arrange the proper contacts.

### Precautions:

The use of this two-component system requires special precautions. Please refer to the material safety data sheet before using. Avoid inhalation of the vapor and contact with skin and eyes. Working areas should be well ventilated with fresh air.

Use protective gloves and glasses in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap. During spray application, wear suitable respiratory equipment



## Typical Component Properties:

	Units	BC Eco pure POLYOL	BC Eco pure Isocyanate	Test Method
Appearance		Yellowish	yellowish	DIN52002
Density(23°C)	g/cm <sup>3</sup>	1,00	1,10	DIN53217/1+2
Viscosity(23°C) (Brookfield)	mPas	500	1500	DIN53019/1
Flashpoint	°C	>200	>200	DIN52578

## Recommended Process Conditions:

The Additive component must be stirred and homogenized well before use. The material is processed with a two-component high pressure dosing machine using the impingement mixing technology.

	Units	Limits
BC Eco pure Polyol	pbv	100
BC Eco pure Isocyanate	pbv	100
Typical component template (Pol/Iso) (Tanks and tube package	°C	70-90
Respectively the same typical Pressure (Pol/Iso).	bar	150-180

## Typical Reaction Characteristics:

	Units	Limits
Gel time	s	2-3
Pot life	s	6-7
Final hardness	days	2

## Handling and Storage:

	Units	BC Eco pure POLYOL	BC Eco pure Isocyanate
Storage temperature	°C	15-25	15-25
Storage stability/Shelf life <sup>(1)</sup>	months	6	6

## Packing:

BC Eco pure Polyol -A -225 KGS  
BC Eco pure Iso cyanate -200 KGS

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