

Technical Data Sheet

ECO-CREA 100 (Aliphatic Polyurea)

Expert Manufacturer
Best Partner for You
+82-70-7739-6268

Description ECO-CREA 100 is two component high quality polyurea of aliphatic type for top coating .
ECO-CREA 100 can be applied by roller and brush systems.

Use For top coating (Non color changed from UV).
For protection coating on floor.
For protection coating on EPS ,steel ,wood ,concrete.

Features UV resistance.
Long pot life .
Low viscosity.
Transparent coating.
Cures at -25°F to 300°F .
Brush & roller.

Application Mix ratio 4:6 or 5:5 by weight.
Add some solvent if you need lower viscosity .

Packing ECO-CREA 100 “A” is available in 18L steel can and “B” is in 18L steel can.

Physical Properties

Wet properties

Appearance	liquid
Specific gravity (25℃)	“A” 1.10±0.1 “B” 1.00±0.1
Viscosity(cps)	“A” 300~2400 “B” 1500~2000
Thermal stability	0℃ to 50℃
Shelf life(10-40℃) (Unopened containers)	12months

Process properties

Gel time	10~60min
Tack free time	90 min
Initial curing time	3hr

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Dry properties

Tensile strength ASTM D 412	20~25 Mpa
Elongation	50~100%
Hardness (Shore)	60~70 (D)

Others

Caution

Store in warm place preventing from freezing.
Contents should not be exposed for a long time .
In case of contact with skin and eyes ,flush immediately with plenty of water and seek medical advice.
For further information , see the Material Safety Data Sheet.