



# POLYUREA 100

## Clear Sealer

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**PRODUCT DESCRIPTION:**

STARDEK’s Poly-Urea 100 is a moderately chemical resistant two component aliphatic 97% solids polyaspartic ester-based polyurea. This sealer can be applied in low temperatures or in high humidity conditions. Its rapid cure development is essential in achieving a hard film with impressive wear properties.

**RECOMMENDED USES:**

STARDEK’s Polyurea is an excellent sealer for a decorative concrete finish when a brilliant luster and high gloss are desirable. Provided as a clear sealer for cementitious materials. Excellent for high traffic areas such as commercial buildings, residential properties, food service areas, condos, and apartment buildings.

**ADVANTAGES:**

- Film Cures Rapidly – Excellent for application and use
- Excellent Abrasion Resistance – Holds up extremely well to foot and vehicular traffic
- Outstanding Weather Resistance – Cured film resists harmful UV rays from the sun as well as extreme hot and cold temperatures.
- Non-Yellowing – Lower quality materials can yellow over time. STARDEK’s Polyurea will not yellow and retain its “water clear” appearance.

**MIXING:**

(Packaged in pre-portioned units) Mix only complete units. Component B is packaged in short filled containers providing space for activator. Add entire contents of Component A and mix thoroughly with “Jiffy Mixer” attached to a low speed drill motor (300-600 rpm), mix for two minutes.

**APPLICATION:**

STARDEK’s Polyurea can be applied with a roller, brush, or squeegee.

**BRUSH APPLICATION:** A bristle or “throwaway” brush can be used to apply the Polyurea for doing trim work or “cutting in.”

**ROLLER APPLICATION:** After properly mixing Part A and B together as recommended above. You can use 1/4 to 3/8 inch nap roller to apply the Polyurea. Being careful to apply an even coat over the entire surface.

**SQUEEGEE APPLICATION:** After mixing empty entire contents onto substrate and spread with smooth or notched squeegee. Back roll with roller to a thickness of 10-20 mils.

**TECHNICAL INFORMATION:**

Theoretical Coverage	Approx. 160 sq.ft./gal at 10 mil.
Color:	Clear
% Solids by weight:	97
Viscosity @ 25°C (Mixed):	1500 cps
Gel Time, Minute:	45
Dry Time, Minutes (Set to touch):	60 - 90
Full Cure, Hours:	4
Tear Strength P.L.I.:	570
Tensile Strength, PSI:	3000
Shore D:	77
Elongation %:	112
Abrasion Resistance	N/A
Mg Loss, 1000 Cycles:	26
Gloss Retention:	N/A
60° S. FL Month:	94% at 60°

**HANDLING & SAFETY:** Read Material Safety Data Sheet for further information!

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable, and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if responsible safety procedures are followed.