



PECORA CORPORATION

TECHNICAL SERVICE BULLETIN # 78

PECORA UREXPAN NR-300 URETHANE SEALANT

MACHINE MIX

SELF-LEVELING

NR-300 MACHINE MIX PROPERTIES

Polymer Base:	2 - part urethane
Mixing Ratio by Volume:	Activator to Base, 1: 1
Non-Volatile Content @ 75 degrees F:	100%
Viscosity:	Activator: 10,000 - 15,000 centapoise Base: 4,000 - 8,000 centapoise
Pot Life @ 75 degrees F, 50% R.H.:	15 minutes
Initial Cure @ 75 degrees F, 50% R.H.:	30 minutes

COLOR: Activator - Dark Bronze
Base - Jet Black

Note: Mark all containers "A" for Activator and "B" for Base. If you are not sure, smear a sample of each on a white surface to distinguish activator from base.

PRIMER: Apply Pecora P-75 primer to all concrete (allow to dry before applying sealant)
Apply Pecora P-100 primer to metal surfaces (allow to dry before applying sealant)
Apply Pecora P-200 to cured NR-300 receiving fresh NR-300 (allow to dry before applying sealant)

BOND BREAKER: Closed Cell Backer Rod (25 - 30% compression)
Use Bond Breaker Tape above all joint fillers including cork. Place thumb tacks along tape.

JOINT DESIGN:

Joints up to 1/2" wide, width and depth can be equal.
Joints over 1/2" but not exceeding 1", depth shall be 1/2".
Joints over 1" wide call Pecora Tech. Service 1-800-355-8817.

MIXING:

Activator and Base should arrive at mixing head in a 1:1 ratio by volume. Before filling joints, extrude and cure a test sample to see that a correct mix is achieved. Fill test sample and code with test sample number, date, joint location, and time. Measure cure and hardness.

APPLICATION:

Clean, dry joints. Primed with backer material. Fill joints 1/8" from top of joint, do not overfill.

CLEANING:

Clean all tools with xylene or mineral spirits. Flush all equipment with solvent recommended by equipment manufacturer.

STORAGE:

Keep all containers sealed when possible. Exposure to moisture and humidity shortens shelf life and causes the activator to gel.
