

NG-Pure Coat 90

90A Pure Polyurea is a 100% solid, 2 components, spray applied, pure polyurea elastomer.

Primary Application

Protective coating for metal and built-up roofs, concrete and steel tanks/clarifiers, and board stock foams. Secondary containment when applied over concrete, wood or geotextiles.

Wearing and waterproofing membrane for pedestrian decks. Water proofing of buried, protected or unprotected roofs, walks, and concrete walls, with or without spray applied foam insulation.

-Vertical or horizontal application with USDA/FDA approved for external containment or food grade dry bulk goods. Exterior pipe coating.

Typical Properties*

Test	Results
Tensile Strength	2,850
Elongation	400%
Hardness	90 +/- 5
Tear Resistance	425
Ration A/B	1:1 by volume
VOC	0
Tack Fee	To touch: 10-20 seconds
Service Temp	-40 + 300° F
Back to Service	Field tests- 1 hour

*Typical properties does not constitute specification

Colors and Packaging

Custom colors available.

Packaging size 100-gallon kit consisting of two 55-gallon drums.

Chemical Resistance

Good hydrolytic stability to 300°F. Good resistance to inorganic bases, acids, hydrocarbon solvents, oxygenated solvents, and chlorinated solvents.

Product Advantages:

- Seamless
- Rapid Set
- Moisture Tolerant
- High Build
- 100% Solids
- Tough Film
- Long Coating Life
- Monolithic Coating
- Fast Return to Service
- Wide Product Applications
- Abrasion Resistant

Product Application:

Begin by thoroughly mixing B component. Apply product with high pressure (2500psi) plural component proportioning equipment with plural component spray gun. Min. machine temperature *160°F*, *minimum machine pressure, 2200 PSI*. *Spray tip requirement is .01 or .02 size.*

Handling and Storage:

- Store in cool dry climate away from water, heat, and direct sunlight.
- Shelf life is 12 months in original unopened containers.

Additional Information:

To learn more about NuGlue LLC and the products and services we offer please visit our website at www.nugluellc.com or email us at nuglue@outlook.com

Effective Date: 03/24/23

Disclaimers:

Please refer to the Safety Data Sheet (SDS) for complete information on Storage and Handling, Toxicological.

It is the user's full responsibility to validate the use of Nu-Prime Concrete prior to commencing with project.