



**TURBO LINER  
PRODUCTS INC.  
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**TURBO LINER POLYPRIME 21**  
*100% Solids  
Epoxy-Polyamine Primer*

**DESCRIPTION**

Polyprime 21 is a two component, 100% solids, liquid applied, epoxy-polyamine primer with unique penetrating characteristics. The kit is comprised of three containers, 2 Parts of A and 1 Part of B.

**FEATURES**

- ❖ Low Odor
- ❖ Solvent Free
- ❖ Excellent Adhesion
- ❖ 100% Solids
- ❖ Low Viscosity

**TYPICAL USES**

- ❖ Concrete
- ❖ Glass Reinforced Plastics
- ❖ Polyurethane Elastomeric Surfaces
- ❖ Metal
- ❖ Plywood

**COLORS**

Part-A: Blue, Part-B: Yellow

**PACKAGING**

3 gallon kit: Two 1 gallon (3.78 liter) cans of Part-A Blue Liquid, each containing 1 gallon and one 1 gallon (3.78 liter) can of Part-B Yellow Liquid, containing 1 gallon

15 gallon kit: Two 5 gallon (18.9 liter) pails of Part-A Blue Liquid, each containing 5 gallons and one 5 gallon (18.9 liter) pail of Part-B Yellow Liquid, containing 5 gallons

**MIXING**

The volume mixing ratio is 2 parts Part-A Blue Liquid to 1 part Part-B Yellow Liquid.

Polyprime 21 Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Polyprime 21 must always be mixed with two parts Part-A and one part Part-B (Part-A: Part-B = 2:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand.

**APPLICATION**

Polyprime 21 should be applied at the rate of 1 gallon (mixture of Part-A & Part-B)/300 sq. ft. (0.135 liters/m<sup>2</sup>). It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow Polyprime 21 to become tack free before applying the coating.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F above the dewpoint.

Polyprime 21 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate

**TECHNICAL DATA**

Coverage Rate	1 gal/300 sq. ft. 0.135 l/m <sup>2</sup>
Pot Life, 75°F @ 50% R.H.	20-30 min.
Dry Film Thickness per Coat	5 ± 1 mils 127 ± 25 microns
Hardness, ASTM D-2240	70 ± 5 Shore D
Specific Gravity,	
Part-A	1.09
Part-B	1.07
Total Solids, Weight, ASTM D-2369	100%
Total Solids, Volume, ASTM D-2697	100%
Viscosity, at 75°F (24°C),	
Part-A & B combined	600 ± 50 cps
Volatile Organic Compounds,	
ASTM D-2369-81	0 lbs/gal

the cure time and pot life. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

**EQUIPMENT CLEANUP**

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

**STORAGE**

Polyprime 21 has a shelf life of one year from date of manufacture in original, factory sealed containers.

**LIMITATIONS**

Not UV stable.

Surfaces must be dry, clean and free of foreign matter.

Containers that have been opened must be used as soon as possible.

Polyprime 21 is difficult to clean up after it has cured.

Do not dilute Polyprime U20.

Mix no more material than can be used within 20 minutes.

**WARNING**

This product contains Epoxy Resin and Curatives.

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***Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Turbo Products representative or visit our website for current technical data and instructions.***

#### **LIMITED WARRANTY**

Turbo Products warrants its products to be free of manufacturing defects and that they will meet Turbo Products current published physical properties. Turbo Products warrants that its products, when properly installed by a state licensed waterproofing contractor according to Turbo Products guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of three (3) years. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Turbo Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Turbo Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Turbo Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Turbo Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

#### **DISCLAIMER**

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