

MILLENNIUM PRIMER 240

DESCRIPTION:

Millennium Primer 240 ("Primer") is a rubber polymer-based primer used to prepare single-ply TPO membranes for improved adhesion.

Do **not** use this Primer on PVC components.

This Primer is a translucent, free-flowing liquid which provides a strong bond which does not react with atmospheric moisture.

Millennium Primer 240 is compatible with the following products when adhering to Duro-TECH™ TPO membranes:

- Duro-TECH TPO Accessories:
 - RMA Strip
 - RPF Strip
- Duro-Caulk® Advanced
- Duro-Caulk Plus

ORDERING:

Refer to Application Properties table below for approximate Primer coverage rates.

This Primer is available in:

- Case of 6 – 1 gal (3.8 L) cans (Item #11221T)
Weight: 9.86 lb/gal (1.18 kg/L)

MILLENNIUM PRIMER 240 APPLICATION PROPERTIES	
Properties	Results
Application Temp	0° – 110° F (-18° – 43° C)
Coverage Rate	200 – 225 ft ² /gal (5.4 – 5.5 m ² /L)

PRECAUTIONS:

- **WARNING: EXTREMELY FLAMMABLE.**
Keep away from heat / sparks / open flames / hot surfaces. **Do not apply while smoking.**
- KEEP AWAY FROM CHILDREN.
- Do **not** dilute
- Do **not** use on PVC components or PVC accessories.
- Do **not** use on EPS or XPS insulations.
- Do **not** use as a membrane cleaner.
- Keep away from potable water storage systems.
- Read Safety Data Sheets ("SDS") prior to using. SDS can be found on the [Duro-Last website](http://duro-last.com).
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.



STORAGE AND HANDLING

- **WARNING: EXTREMELY FLAMMABLE.**
Keep away from heat / sparks / open flames / hot surfaces. **Do not install while smoking.**
- Store Primer out of direct sunlight, tightly closed in a dry, cool, and well-ventilated location.
- **When not in use:** Keep Primer lid closed to prevent product evaporation.

Shelf Life

Shelf life of 18 months from date of manufacture while stored in unopened container, between 40° – 90° F (4° – 32° C).

- Shelf life will be shortened if exposed to elevated temperatures.

MILLENNIUM PRIMER 240 PROPERTIES		
	Test Method	Results
Solids Content	–	10%
Dead Load Shear Test	10.58 oz (300 g) load, 158° F (70° C)	0.125 in. max movement
VOC Content	Rule 1168	<250 g/L
Viscosity	Brookfield	600 cps

INSTALLATION:**1. General**

- Do **not** apply Primer to PVC or PVC accessories.
- Do **not** dilute Primer.
- Primer may appear to have a sauce-like texture. This is normal and will not affect the Primer's performance.

2. Substrate Preparation

- Intended work surfaces should be clean, dry, and free of dirt, dust, debris, coatings and oils

3. Primer Preparation

- Shake Primer well prior to use.
- Re-stir every 15-20 minutes during Primer use.

4. Application

- Do **not** dilute Primer.
- Observe all Manufacturers' safety precautions and usage recommendations when using solvents.
- Apply Primer with:
 - a fully saturated brush
 - a scouring pad
 - NOTE: Replace pads often.
- Primed surface should appear wet during application.

- Apply Primer along a wider area than the actual bonding area to ensure complete coverage.
 - Do **not** overwork Primer.
- Allow Primer to dry completely (typically within 30 to 40 minutes) before installing components.
 - Drying conditions will vary depending on ambient air conditions.
 - Drying time may significantly increase at low temperatures.
 - NOTE: Use caution when installing at temperatures below 41° F (5° C) to prevent condensation on Primer surface (blushing).
- Primer will visually appear "dull" or "flat" and will feel dry to the touch.
- Once the components are installed, the Primer will take up to 48 hours to cure (wet-out) the components and build full strength.
- Peel tests on installed components should only be conducted more than 24 hours **after** installation.

CLEANUP INFORMATION:

Use Mineral Spirits or VM&P naphtha for cleaning up Primer.

Observe all manufacturer's safety precautions and usage recommendations when using solvents.