

NEW POXY NP1000

PRODUCT DATA SHEET

DESCRIPTION

New Poxy (NP1000) is a two-component, UV friendly/stable, fast cure polyaspartic coating designed to provide superior functional and decorative properties. **New Poxy** delivers environmentally friendly, cost effective and exceptional protection on commercial, industrial and residential applications.

New Poxy increases the life of the substrate by providing high chemical resistance, high mechanical strength, excellent durability and adhesion. **New Poxy** offers porcelain-like, high gloss, rough or texture finishes.

- No VOC's, low odor coatings, both clear and colored.
- Apply on concrete, metal, wood and fiberglass.
- Excellent inter-coat adhesion also allows application on epoxies and polyurethanes.
- Excellent for one-coat end uses that are labour efficient for the applicator.
- Easy to apply, durable against weathering, non-yellowing.
- Excellent gloss retention.

SHEEN:	High Gloss
VOLUME SOLIDS:	100%
SOLVENTS:	Nil
WATER:	Nil
MIXED POT LIFE:	15-20 minutes
SHELF LIFE:	1 year
FLASH POINT, °C (P-M):	145

ODOR:	Mild
DRYING TIME:	1 hour (min. re-coat time)
LIGHT FOOT TRAFFIC:	2-3 hours
FULLY CURED:	3-6 days
MIL THICKNESS:	20 mil (max)
MIXING RATIO:	1-1

APPLICATION DATA

Surface Preparation:

Shot blasting, diamond grinding or sanding is recommended. **New Poxy** should be applied only on clean, dry and sound surfaces. Any contaminants such as oil, grease, dust, dirt, wax, deleterious material, release agents and laitance must be removed by mechanical means. **Washing the floor is not recommended.**

New Poxy should not be applied to paints that are prone to flaking or peeling. Clean and prepare concrete surfaces mechanically or clean surfaces with a degreaser, rinsing thoroughly. Allow the surface to dry before applying the coating. A clean, dry, solid, uncontaminated substrate should be provided.

Concrete:

Freshly poured concrete must age a minimum of 30 days before the coating is applied.

Mixing Instructions:

Do not mix the two components until you are ready to begin the application. Refer to the mixing instructions provided.

Once mixed, the coating must be applied immediately. To mix, pour entire contents of Part-B into container of Part-A and mix thoroughly.

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APPLICATION METHODS

Apply coating using a high quality, lint free low pile roller (5 mil roller recommended) or a standard brush. Allow 1-2 hours before applying the second coat.

Clean Up:

Xylene, MEK or Acetone.

First Aid Measures:

Skin: Wash with soap and water or a standard hand cleaner immediately. **Do not let the coating dry.**

Eyes: Flush with water for 15 minutes. If irritation persists consult a physician.

Ingestion: Do not induce vomiting and consult a physician.

Limitation:

Do not thin or dilute coating. Do not apply over a wet glistening surface.

Coverage:

Max. 300 sq.ft./4lt kit one coat.

Storage:

Tightly seal containers at normal room temperature. Exposure to moisture will decrease shelf life.

Caution:

Keep out of reach of children. Keep container tightly closed until ready to use. Consult SDS for more information.

Packaging:

2 litre, 4 litre, 8 litre, 16 litre

Advantages:

- Fast cure.
- High-solids.
- Low odor.
- For application on concrete, metal and wood.
- Rejuvenate stamped and stained concrete.
- Easy to apply via squeegee, roller or airless sprayer.
- Can be applied at surface temperatures from -10 F to 140 F.
- Very low viscosity – outstanding wetting ability.
- Cured coating can handle temperatures up to 400 F.
- Crystal clear – does not blush white from moisture in the concrete.
- For topcoat application over epoxies, polyurethanes and other coating systems.
- High abrasion resistance – higher than epoxy or urethane.
- Flexible.
- Excellent durability and gloss retention.
- For clear and pigmented systems in combination with New Poxo colorants.
- Labour cost efficient.

Ideal Uses:

- Warehouses.
- Hangars.
- Food processing plants.
- Garage floors.

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- Walkways.
- Concrete driveways.
- Auto dealerships.
- Commercial establishments.
- Cold storage areas.
- Basements.
- Porches.

LIMITATIONS

New Poxy coating can be applied at 20 mil per coat. Curing time varies depending on the thickness applied. A thick application of **New Poxy** may result in a longer curing time. High humidity may cause **New Poxy** to dry faster.

Safety Precautions:

Manufacturer recommends user to consult SDS and Product Data Sheet before using **New Poxy**.

Special Note:

This product meets USDA and CFIA regulations.

The information stated above is based upon tests conducted by Enviro Epoxy Products Inc. Such information and recommendations about our product are subject to change. Consult Enviro Epoxy Products Inc. to obtain the most recent Product Data Sheet.



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