

## General Purpose Polyurethane Primer

- **100% Solids`**
- **Low Viscosity**
- **Multipurpose - Can be used on asphalt, timber, concrete**
- **Fast Cure**
- **Low Odour**

### Description

**UFLOOR® GPX** is a 2-component, solvent-free, low viscosity, UV stable polyurethane primer. It cures using chemical cross-linking to produce a thin mil primer with excellent abrasion characteristics for long term wear protection. **UFLOOR® GPX** has good resistance to acids, alkalines, jet fuel and a number of other chemical compounds. Superior adhesion properties of **UFLOOR® GPX** make it an ideal primer on many substrates, including asphalt and wood..

.Being a solvent-free product, **UFLOOR® GPX** can be used to prime both interior and exterior substrates without noxious odor

When top coating a system, if the recommended recoat time is exceeded or if contamination of the substrate occurs, consult Technical Service.

### Mixing

Empty entire contents of component A into component B. Mixing is accomplished by using a jiffy paddle and low speed drill (400-600 rpm) so as not to incorporate excessive air into the product. Mix for 2 minutes, scrape down the sides of the pail, and mix additionally for 1 minute.

### Application

On Concrete: - To apply as a primer, use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film of 0.13 mm (wet). Always seed primer with oven-dried quartz aggregate (20-40 mesh) at a rate of 0.25 kg/m<sup>2</sup>. Allow to cure for 1 to 2 hours before proceeding with next application

On Asphalt - To apply as a primer, use a high quality roller, brush, squeegee, or airless spray unit and apply a uniform film of 0.2 mm (wet). Always seed primer with oven-dried quartz aggregate (20-40 mesh) at a rate of 0.25 kg/m<sup>2</sup>. Allow to cure for 3 to 4 hours before proceeding with next application

### Limitations

Minimum application temperature of 5°C and rising. Do not apply over damp or wet substrates. Do not apply to surfaces with active moisture vapor transmission. New concrete must cure 28 days prior to application of **UFLOOR® GPX**. Conduct an adhesion test prior to use on asphalt substrates.

### Storage

**UFLOOR® GPX** should be kept dry and cool. Shelf life of product stored in original containers is 12 months.

**UFLOOR® GPX** must be protected against moisture



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TYPICAL PROPERTIES	
<b>Solid Content</b>	<b>100%</b>
<b>Viscosity</b>	<b>1200 cps</b>
<b>Pot Life (250°C)</b>	<b>30 minutes</b>
<b>Tack free Time (250°C)</b>	<b>2 Hours</b>
<b>Final Cure Time (250°C)-Foot Traffic</b>	<b>24 Hours</b>
<b>Shore Hardness (ASTM D2240)</b>	<b>77 Shore D</b>
<b>Elongation (ASTM D412)</b>	<b>10%</b>
<b>Tensile Strength ((ASTM D412)</b>	<b>26 MPa</b>

### Consumption

0.13 Litres/m<sup>2</sup>/0.1mm thick.

### Packaging

Part A = 8 Litres. Part B = 3.28 Litres.

### Surface Preparation

Surfaces receiving an application of **UFLOOR® GPX** must be clean, sound, dry, and free of oils and other bond inhibiting contaminants. When applying **UFLOOR® GPX** to a concrete substrate, use of mechanical methods such as shot blasting, sandblasting or hydroblasting are recommended to produce a clean and lightly textured surface.

#### Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by ATECH either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not ATECH are responsible for carrying out procedures appropriate to a specific application.

#### Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

#### Safety Precautions

Polyurethane products may cause allergic reactions through skin contact, goggles, protective gloves and overalls must be worn. Ensure that there is adequate ventilation and avoid breathing the vapour.

#### Exclusion Clause

1. The information contained in this data sheet is based on many years experience and is correct to the best of our knowledge. ATECH will be under no liability whatsoever whether in:
  - a) Contract or tort (including, without limitation, negligence)
  - b) Breach of statute
  - c) Any other legal or equitable obligation other than the quality of the product at the time of despatch.
2. Any queries about specification use or application should be directed to our technical service department immediately.
3. This exclusion clause does not operate to exclude any warranty that by law may not be excluded.