



REF: FXP308
ISSUE DATE: 15/07/2020
REV: 01

TECHNICAL DATA SHEET

FEDPRIME XP308

DESCRIPTION

FedPrime XP308 Polyurethane Primer is a single component polyurethane primer for bonding PU linings to old PU linings & coatings, aluminium, stainless steel, fibreglass, PVC, wood, & steel substrates. **FedPrime XP308 Primer** is designed to have good adhesion properties on most substrates.

It is a suitable primer for a wide range of polyurethane coating & lining systems. It can be applied by brush and roller or by spray application

PRINCIPLE USES

FedPrime XP308 Primer is indicated for new and old substrates, prior to application of polyurethane coatings & linings under normal & challenging conditions. Typically PU linings & coatings are challenging to apply to old PU coatings, aluminium, stainless steel, fibreglass, PVC, & wood as these substrates may cause delamination & failures will result accordingly. **FedPrime XP308** will bond sprayable & castable PU linings & coatings to these substrates with adhesion promoted properties & will thus result in longer life span & more resilient PU linings & coatings.

PERFORMANCE DATA

Description

Results

Pot Life (Minutes)	N/A – Solvent borne
Colour	Dark brown liquid
Specific Gravity (g/l)	1.01
Touch Dry (Hours) @ 25°C	3 hrs
Open Time / Over Coating Time @ 25°C	3 - 24 hrs
Hard Dry (Hours) @ 25°C	8 hrs
Walk on Dry (Hours) @ 25°C	12 hrs
Full Cure @ 25°C	2 days
Kit Size	1lt / 5lt
Volume Solids	85%
Theoretical Coverage (m²)	10-12m² per litre (Depends on wastage and surface profile)
Application Temperature	10 – 40°C
Shelf Life	12 months

ADVANTAGES

- Low viscosity
- Compatible with a wide range of PU coating and lining systems.
- Coatings and linings can be applied within 3 hours.
- Bonds PU linings & coatings to virtually any solid substrate.

SURFACE PREPARATION

Mechanical preparation of the substrate is important before priming with **FedPrime XP308 Primer**. The substrate should be structurally sound and free of oil, dust and debris, grease, paint, corrosion deposits, laitance or other surface deposits. The surface should be prepared by sweep blasting or as per standard practice to clean & prepare the surface or to achieve necessary roughness if possible.

BEFORE APPLICATION

Shake the container to disperse any settlement.

APPLICATION

Apply in a single coat at the specified thickness (60µm) using brushes and/or rollers to a cleaned and prepared surface. Work the product into the pores (if any) and back roll using a short hair roller to achieve a uniform finish. On porous surfaces (like wood) **FedPrime XP308 Primer** will be absorbed into the surface quickly, possibly leaving dry patches. It is recommended that these dry patches be recoated to ensure good adhesion and avoid substrate air release. Apply suitable top coat within 3 to 18 hours after application. Any porous or absorbed areas still showing after priming applications, should be primed again.

CLEANING

Clean hands and skin immediately after use with industrial hand cleaner.
Clean tools and equipment immediately after use with **FedThin PU Thinner** or MEK.

LIMITATIONS

- Working temperatures between 10 and 40°C.
- **FedPrime XP308 Primer** will not accommodate excessive moisture in the substrate.
- Avoid excessive application.
- Avoid contact with skin.
- Do not release into sewer or surface water.

STORAGE AND STABILITY

FedPrime XP308 Primer has a shelf life of 12 months when stored in unopened containers in a cool, dry place. Failure to do so will result in a reduction of shelf life.

SAFETY AND HANDLING

FedPrime XP308 Primer contains hazardous chemicals. Use only with adequate ventilation. Avoid breathing of vapours and prolonged or repeated skin contact. Protective clothing and gloves should be worn when handling this product. Protective clothing should be worn and contact with the body avoided. All sources of ignition should be removed. The safety procedures applicable to the handling of chemical materials should be read, understood and rigidly adhered to.

The information contained in this bulletin is, to the best of our knowledge true and accurate, but any recommendations or suggestions which may be made, are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.