



TECHNICAL DATA SHEET

2K POLYURETHANE CLEAR FOR EXTERIOR

Product Code: Part A 2410, U888(gloss), 2419, U883(matt)
Part B 4206, U800

Product Description

Two component of polyurethane; High quality, excellent transparency, good adhesion to the substrate. It's clear, gloss-matt finish is extremely durable.

Intended Used

For Exterior woodwork

- Outdoor furniture

Features

- Good film built and easy to apply
- No peeling
- Good for chemical and water resistance
- Good for gloss retention

Product Information

Finish	Transparent
Color	Gloss (2410, U888), Matt (2419, U883)
Specific gravity	0.94 – 1.49
Solid	Approx. 45-55 % by mass
Hardness, pencil test	1 H on wood

Application Detail

Mixing	Stir before use, until homogeneous
Substrate	Wood
Method	Conventional spray
Thinning	Thin with POLYURETHANE THINNER (1120/1194/1125)
Mixing Ratio	For Spray; Part A 24XX : Part B : Thinner = 4:1:4 For Spray; Part A U88X : Part B : Thinner = 5:1:3
Drying time	Touch dry: 20 minutes Hard dry: 6 hours Recoat time: 2 - 3 hours
Cleaning	Tools and equipment should be cleaned by POLYURETHANE THINNER (1120/1194/1125) after use.

Addition Data

Coverage	8 m ² per litre at 125 micron wet film build.
Pot life	2-5 hr.
Shelf life	1 year



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Surface preparation

General: The entire surface area should be clean, dry, sound and free from dirt, grease, oils, waxes, dust and any other surface contaminants that may adversely affect the performance of this coating material.

New Wood Surfaces: Thoroughly sand the surface area smooth, progressing in sand paper usage starting with rough grit sandpaper to medium grit sandpaper to fine grit sandpaper. Always sand in the same direction of the wood grain. Final screen or sand the surface with 120 or 150 grit sanding screen, or 180 to 220 grit sandpaper. After sanding and screening, vacuum the surface to remove all sanding dust. Final wipe the surface with a tack rag or a cloth dampened with mineral spirits, and allow to dry. All cracks, gouges, dents and other surface imperfections should be properly repaired with wood putty that does not contain any wax. Allow all repairs to dry thoroughly, then sand smooth. Wood surfaces that are to be stained should be allowed to dry thoroughly after staining.

Previously Stained & Varnish Wood Surfaces: Previously stained and varnished wood surface that are in good condition should be thoroughly cleaned as stated above. The entire surface should be lightly sanded to remove imperfections and to dull glossy finishes. Remove any loose, scaling, cracked or chipping areas of existing varnish by hand scraping, sanding, and wire brushing or by use of power tool cleaning methods, such as electric sanders, etc. Previously stained and varnished wood surfaces that are in poor condition should be completely stripped to the bare wood substrate and finish as new wood. Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching compounds or building materials and allow to dry thoroughly. However, every application is different and the service and support of TOA-UNION PAINT Technical department is available at all time.

Primer : 2K POLYURETHANE SANDING SEALER Part A 2215 : Part B 2151

Packaging

Available in 5 Gallon, TIN

Storage

Should be taken to protect vessels and partial containers from moisture. Partial containers must be purged with a dry, inert gas, such as dry air, nitrogen or argon before closure, otherwise premature polymerization by atmospheric moisture will occur.

Cautions

The following is a summary of the precautions to be taken when handling this product. Please refer to the SDS for further details.

The toxicological properties of this material have not been fully determined. Products of this type can be expected to be eye and skin irritant and have the potential to cause sensitization or other allergic responses. Appropriate precautions should be taken to avoid eye and skin contact and to avoid.