



# TECHNICAL DATA SHEET

## WB 421 GLOSS

### PRODUCT DESCRIPTION

Sanitred's WB 421 GLOSS is a high gloss, 40% solids, two-component, water based, aliphatic polyurethane. WB 421 GLOSS is easy to apply and is extremely hard and abrasion resistant, chemical, and hot tire resistant. Low VOC and Low odor.

**STANDARD COLORS:** Clear

**OTHER COLORS ALSO AVAILABLE WITH TINT:**

### CURE SCHEDULE (70°)

**POT LIFE (1.5 GAL Volume)** 45 Minutes

**TACK FREE (DRY TO TOUCH)** 5-7 hours

**RECOAT OR TOPCOAT** 6-12 hours

**LIGHT FOOT TRAFFIC** 18-24 hours

**HEAVY FOOT TRAFFIC** 5 days

### COVERAGE

Recommended for use as a topcoat on epoxy, concrete, plywood, and Graniflex Broadcast Systems,

**COVERAGE PER GALLON:** 175 - 500 square feet per gallon

**MIX RATIO:** 4 Parts A to 1 Part B

**RECOMMENDED FILM THICKNESS:** 5-10 mils

**PACKAGING INFORMATION:** 1.25 gallon

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** Pass

**COMPRESSIVE STRENGTH:** N/A

**TENSILE STRENGTH:** N/A

**ADHESION:** Concrete Failure

**VISCOSITY:** 200-300

**ABRASION RESISTANCE:** 38-40 mg loss

**ULTIMATE ELONGATION:** N/A

**HARDNESS:** N/A

**VOLATILE ORGANIC CONTENT:** < 100 grams/liter

**SHELF LIFE:** 1 year in unopened containers

### CHEMICAL RESISTANCE

REAGENT	RATING
URINE	D
XYLENE	D
MEK	B
ISOPROPYL ALCOHOL	D
METHANOL	D
GASOLINE	D
SKYDROL	D
BRAKE FLUID	D
NITRIC ACID 10%	A
HYDROCHLORIC ACID 20%	D

RATING KEY: A - NOT RECOMMENDED, B - CONDITIONAL, C - RECOMMENDED CONDITIONAL, D - RECOMMENDED.

NOTE: EXTENSIVE CHEMICAL RESISTANCE INFORMATION IS AVAILABLE THROUGH YOUR SALES REPRESENTATIVE.

## LIMITATIONS

Will freeze during storage. Store at temps above 40F

On grade slabs must perform a moisture-vapor transmission test.

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially exterior.

Surfaces may be slippery when wet.

**WARNING:** This product contains isocyanates

Using proper ventilation if used indoors

Do not apply when substrate temperature is below 50 degrees or above 85 degrees

Apply in thin coats

Do not thin the product

Do not apply less than 350 square foot per gallon or film properties will be impaired

## INSTRUCTIONS

**PRODUCT MIXING:** Pour a full kit of 4 Parts A to 1 Part B together and mix well with slow mixer for 2-3 minutes.

**SURFACE PREPARATION:** Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

**CLEANUP:** Use acetone solvents

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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