



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

STANDARD COLORS: CLEAR
OTHER COLORS ALSO AVAILABLE: N/A
REVISION DATE: February 12, 2026

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
FULL CURE: 5 days

COVERAGE

Recommended for use in clear epoxies and other clear products
COVERAGE PER GALLON: 300-500 sq. ft.
MIXED RATIO: 4 Parts A to 1 Part B
RECOMMENDED FILM THICKNESS: 5-10 mils
PACKAGING INFORMATION: 1.25 gallon kit

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: PASS
COMPRESSIVE STRENGTH: N/A
TENSILE STRENGTH: N/A
ADHESION: Concrete Failure
VISCOSITY: 200-300 cps
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	REAGENT	RATING
URINE	D	GASOLINE	D
XYLENE	D	SKYDROL	D
MEK	B	BRAKE FLUID	D
ISOPROPYL ALCOHOL	D	NITRIC ACID 10%	A
METHANOL	D	HYDROCHLORIC ACID 20%	D

LIMITATIONS

- Will freeze during storage
- Store at temps above 40F
- On grade slabs must perform a moisture-vapor transmission test
- Clear coating may turn opaque and cloudy due to moisture penetration, especially exterior
- Surfaces may be slippery when wet
- 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 300 square foot per gallon or film properties will be impaired



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BENEFITS

- Water based aliphatic urethane
- High gloss
- Low odor
- High chemical and wear resistance

INSTRUCTIONS

- 1) Combine a full kit of 4 Parts A to 1 Part B
- 2) Mix well with a slow speed mixer for 2-3 minutes.
- 3) Apply to surface using a magic trowel or 3/8" nap roller

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