



500S AMERTHANE SEALER

JANUARY 2020

2K WB Polyurethane Sealer

Description: Waterbased polyurethane sealer for interior furniture with excellent transparency, adhesion and hardness.

Mix Method: Ready to apply @ 15°C~35°C, the coating needs to be mixed according to the mixing ratio below. If needed, product can be diluted with a maximum of 5% water.

Mixing Ratio: IMPORTANT: hardener and water should be mixed first

500A SEALER	500B HARDENER	WATER
1L	150mL	150mL
4L	600mL	600mL
12L	1.8L	1.8L

After the polyisocyanate has been added to the waterborne component the container should not be hermetically sealed, since a pressure buildup may occur due to carbon dioxide buildup.

Theoretical Coverage: Approximately 7.3 sq. m/litre @ 35µm DFT (Mixed).
Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Pot Life: At 25°C, 3hrs (mixed).

Spraying: Product can be applied with air assisted airless, or conventional spray. Use on wood/ MDF under 500 Amerthane clears for INTERIOR use only. Spray apply 25-35 um DFT. Touch dry 60-90 minutes at 25°C and 60-70% R.H. Recoat from 4 hours onwards and hard dry overnight. Panel should be fully sanding before recoat. Contains ISOCYANATE when catalyzed. Wear air fed mask or hood when spraying.

Clean Up: Flush all equipment with water both before and after use, Dry film may be removed with water miscible solvents.

Caution: Stir well before use. Do not allow product to freeze.

Storage: This product should be stored inside, temperature between 5°C~35°C.

Physical Properties:

Gloss Availability:	5% to 50%
Density:	1.04 ±0.2Kg/L
Viscosity (sec at 25°C):	≥18sec (Ford 4 mixed)
Solids:	27±3%
Flash Point:	95°C
Storage Shelf Life:	6 months from shipping date

Safe Handling Procedures:

Avoid contact with skin and eyes. Latex rubber gloves, safety glasses and rubber footwear are advised when handling this material. In case of contact with skin, wash immediately with water; do not use solvent. In case of eye contact, rinse immediately with water for at least 15 minutes and seek medical attention. All contaminated clothing should be discarded. Consult product Material Safety Data Sheet.

Approvals:

BRANZ Group Number Classification

This is to certify that the specimen described below has been tested by BRANZ Ltd on behalf of

PPG Industries NZ Ltd
5 Monahan Rd
Mt Wellington
Auckland 1060
New Zealand

Test standards: ISO 5660 Parts 1 and 2

Specimen name: 500 AMERTHANE over 500 PRIMER SEALER.

Specimen description: The products as described by the client as 500 AMERTHANE over 500 PRIMER SEALER on 12 mm thick Nelson-Pine MDF board

Orientation: From the direction tested.


A full description of the test specimen and results are given in BRANZ Report:
FH 5973-TT - test dates 28 July and 8 August 2016

Regulatory authorities are advised to examine test reports before approving any product.

The test results were the basis for the following:

Classification Document	Group Number Classification
NZBC Verification Method CVM2 Appendix A	3

Issue Date: 12 August 2016 **Expiry Date:** 12 August 2021


All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation

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