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TECHNICAL BULLETIN

SEALDEK ASP

*Two part, 72% Solids, 250 VOC
Flexible Polyaspartic Fast Curing
High Performance Topcoat*

DESCRIPTION

SEALDEK ASP is a 72% solids by volume, aliphatic polyaspartic coating, two-component, liquid applied, environmentally friendly surface topcoat for waterproofing membrane systems, with a citrus odor. SEALDEK ASP is quick curing and specifically formulated to be installed in thin film applications.

FEATURES

- ❖ Quick Cure
- ❖ Color Stable
- ❖ High Tensile Strength
- ❖ High Gloss
- ❖ Abrasion Resistant
- ❖ Very Durable
- ❖ Topcoat over aromatic polyurea, polyurethane and epoxy applications ranging from 35°F to 130°F, service temperature 0°F to 200°F
- ❖ Excellent Weatherability
- ❖ Seamless Waterproofing Membrane
- ❖ UV Resistant For Superior Gloss Retention
- ❖ Easy Cleanability

TYPICAL USES

- ❖ Concrete
- ❖ Steel
- ❖ Plywood
- ❖ Plastic
- ❖ Cold Storage Areas
- ❖ Food Processing Areas
- ❖ Industrial Warehouses
- ❖ Pulp and Paper Mills
- ❖ Chemical Plants
- ❖ Fertilizer Plants
- ❖ Off-Shore Oil Platforms
- ❖ Pipeline Barges

COLOR

Clear, Grey and Tan

Custom colors are also available. Minimum order of 100 gallons (380 liters). See color chart for special provisions.

ODOR

Citrus

PACKAGING

2 gallon kit of 1 gallon can part-A and 1 gallon can Part-B.

MIXING

SEALDEK ASP may not be diluted under any circumstance.

SEALDEK ASP Part-A and Part-B should be

mixed individually before combining. Add Part-B to Part-A while mixing, using a mechanical mixer (Jiffy Mixer) at medium speeds. Mix until a homogeneous mixture and color is obtained (at least 5 minutes) and mix frequently

during application to maintain uniform color.

Use care to scrape the sides of the container to ensure that no unmixed material remains.

Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened potlife.

SEALDEK ASP may not be diluted with solvent under any circumstance

DO NOT mix any material that cannot be used within 60 minutes.

APPLICATION

SEALDEK ASP can be applied by phenolic resin core roller, high pressure spray, or through a cup gun under low pressure. SEALDEK ASP should be applied at a minimum film thickness of 5 mils. It should be noted that the heavier the application, the longer the curing process takes.

Apply SEALDEK ASP evenly over the entire deck. For best results, airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles.

TECHNICAL DATA: SEALDEK ASP, CLEAR

Mix Ratio by Volum.....	1A : 1B
Coverage Rate	See Guide Specification
Dry Film Thickness, exclusive of aggregate @ 1 gal/100 sq. ft.	11 ± 2 mils 279 ± 50 microns
Pot Life at 75°F (24°C), 50% RH	45-60 minutes
Hardness, ASTM D-2240.....	50 ± 5 Shore D
Tear Resistance, Die C, ASTM D-624	300 ± 50 pli 52.5 ± 9 kN/m
Tensile Strength, ASTM D-412	2500 ± 200 psi 17.2 ± 2 MPa
Ultimate Elongation, ASTM D-412.....	100 ± 25 %
Specific Gravity,	
Side-A.....	1.05
Side-B.....	1.01
Total Solids by Weight, ASTM D-2369.....	77 ± 2%
Total Solids by Volume, ASTM D-2697.....	72 ± 2%
Viscosity at 75°F (24°C),	
Side-A.....	200 ± 50 cps
Side-B.....	200 ± 50 cps
Volatile Organic Compounds, ASTM D-2369-81	1.97 lb/gal 236 gm/liter

CURING

At 70°F (21°C) and 50% relative humidity, allow each coat to cure a minimum of 2-4 hours between each coat.

Allow a minimum of 6 hours before permitting light pedestrian traffic and at least 24-48 hours before permitting heavy pedestrian or auto traffic on to the finished surface.

Uncured SEALDEK ASP is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

SEALDEK ASP has a shelf life of twelve (12) months from date of manufacture when stored indoors at a temperature between 60°F to 95°F (15°C to 35°C) in original factory sealed containers.

LIMITATIONS

Surfaces must be dry, clean and free of foreign matter.

Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications.

Surface may be slippery when wet.

Containers that have been opened must be used as soon as possible.

Do not dilute under any circumstance.

WARNING

This product contains Isocyanates.

TECHNICAL DATA, SEALDEK ASP, PIGMENTED

Mix Ratio by Volum.....	1A : 1B
Coverage Rate	See Guide Specification
Dry Film Thickness, exclusive of aggregate, Per coat	
@ 1 gal/100 sq. ft.	11 ± 2 mils
	279 ± 50microns
Pot Life at 75°F (24°C), 50% RH.....	45-60 minutes
Hardness, ASTM D-2240.....	50 ± 5 Shore D
Tear Resistance, Die C, ASTM D-624	225 ± 35 pli
	39.4 ± 6 kN/m
Tensile Strength, ASTM D-412	2300 ± 300 psi
	15.8 ± 2 MPa
Ultimate Elongation, ASTM D-412.....	100 ± 25 %
Specific Gravity,	
Side-A.....	1.04
Side-B	1.25
Total Solids by Weight, ASTM D-2369.....	79 ± 2%
Total Solids by Volume, ASTM D-2697	72 ± 2%
Viscosity at 75°F (24°C),	
Side-A.....	200 ± 50 cps
Side-B	300 ± 50 cps
Volatile Organic Compounds, ASTM D-2369-81	1.97 lb/gal
	236 gm/liter

Please read all information in the general guidelines, product data sheets, system specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local SWS representative or visit our website for current technical data and instructions.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and SWS makes no claim that these tests or any other tests, accurately represent all environments.