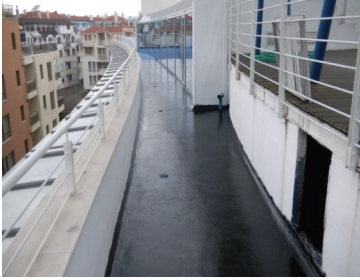



Performance Self Leveling Grade



DESCRIPTION

Waterproofing Self Leveling Grade is a single component, air cured membrane that combines the elastic properties of a modified latex with the weatherproofing and waterproofing qualities of a highly refined emulsified asphalt.

FEATURES & BENEFITS

- **ENVIRONMENTALLY FRIENDLY** Water based material that contains no VOC's, so no special ventilation is required. 
- **ELONGATION & RECOVERY** Has excellent elongation and recovery which allows for thermal expansion and contraction.
- **ADHESION** Has superior adhesion to most construction materials.
- **CHEMICAL RESISTANCE** Has great chemical resistance to most non-petroleum based chemicals.
- **TOP COAT** Can be coated with various types of top coats for reflectivity and greater chemical resistance.
- **SELF HEALING & SEALING** Will self heal when cut and self seal when punctured.
- **ECONOMICAL** Due to the minimal preparation and ease of application.



USES

- **WATERPROOFING** Above grade, below grade, and blindside.
- **CONTAINMENT** Primary and secondary containment.
- **VAPOR BARRIER** Water and gas vapor barrier.
- **CIVIL** Erosion control, bridges, dams, tunnels.
- **LINERS** Ponds, tanks, fisheries.
- **CORROSION CONTROL** Tanks, seawalls, and pipes.
- **ROOFING** Preservation of various roofing materials.

Technical Data

TESTING		
TEST	TEST PROCEDURE	RESULTS
Elongation at Break	ASTM-D-3468	>1,000%
Recovery	ASTM-D-412	>90%
Tensile Strength	ASTM-D-412	Materials Did Not fail
Tensile	ASTM-D-413	2000 lbs./ft ² Up-lift Force
Peel Strength	ASTM-903	Materials Did Not Peel
Puncture Resistance	ASTM-E-154	No Puncture
Water Absorption	ASTM-D-570	1.02% Max
Water Vapor Permeance	ASTM-E-96	.08 perms
Resistance to Hydrostatic Head	Calders Testers Hydro-Stand 10-30K	150 PSI
Class A Fire Rating ½": 12	ASTM-E-108-94	Passed
Soil Burial	ASTM-D-4068	Passed
Ash Content	ASTM-D-2939	2.98%
Direct Flame Test	ASTM-D-2939	Passed
Drying Time	ASTM-D-2939	Passed
Extensibility after heat aging	ASTM-C-836	¼ Inch stretch with no cracking
Flash point	ASTM-D-2939	>140°F
High Temp Aging	ASTM-E-240	>300% 48 days @ 76°F
Hydrostatic Pressure	ASTM-C-1306	16.67% over cracks
Low Temp Elongation	ASTM-D-412	>500%
Methane transmission	MOCON Multi Tran 400	<5 CC/(m ² -day)
Noise Reduction	ASTM-E-1007	98% @ 205 mil
Uniformity	ASTM-D-2939	Pass
Wet Film Continuity	ASTM-D-2939	Pass
Freezing Resistance	ASTM-D-2939	Pass
Heat Resistance	ASTM-D-2939	Pass
Resistance To Volitization	ASTM-D-2939	0.84% Loss
Resistance To Kerosene	ASTM-D-2939	Pass
Residue By Evaporation	ASTM-D-2939	>60%
Resistance To Water	ASTM-D-2939	No signs of Re-emulsification
Puncture Resistance	ASTM-E-154	No Puncture @ Deflection. Max machine stroke reached
Impact Resistance	ASTM-D-2939	Pass
Impact Resistance after Accelerated Weathering	ASTM-D-2939	Pass
Salt Fog Exposure	ASTM-B-117	No Deterioration or failure
Adhesion To Masonry	ASTM-C-836	>5 lbf/in
Peel Strength asphalt	ASTM-D-903	>10 lbf/in
Peel Strength Concrete	ASTM-D-903	>12 lbf/in
Peel Strength Foam	ASTM-D-903	>7.5 lbf/in Substrate failed
Peel Strength Steel	ASTM-D-903	>11 lbf/in
Peel Strength Wood	ASTM-D-903	>11 lbf/in
Peel Strength	ASTM-D-903	Did not Peel

COVERAGE RATES (DRY)

30 mil / .762 mm - 34.7 ft ² / 3.22 m ²	=====
40 mil / 1.02 mm - 26.0 ft ² / 2.42 m ²	=====
60 mil / 1.52 mm - 17.3 ft ² / 1.61 m ²	=====
80 mil / 2.03 mm - 13.0 ft ² / 1.21 m ²	=====
100 mil / 2.54 mm - 10.4 ft ² / 0.97 m ²	=====
125 mil / 3.17 mm - 8.3 ft ² / 0.77 m ²	=====

AVAILABILITY

Available in 5 gallon (18.93 liters) and 55 gallon (208.2 liters) pails.



Preparation

All surfaces should be free from any loose material, oils, greases or other foreign material. These should be removed prior to application by means recommended by the manufacturer.

All cracks, penetrations, existing seams, transitions, and corners should be addressed by incorporating polyester fabric with the Instacoat Premium Products Performance Self Leveling, Roller/Brush, or Grades. ¹

Application

The Performance Self Leveling Grade is applied by using commercial airless spray equipment, squeegee, or roller to create a monolithic seamless membrane. Application rates very depending application method and particular job requirements.

The Performance Trowel Grade is applied using a trowel to form a monolithic seamless membrane. Application rates very depending on the particular job requirements. ¹

Cleaning

For the best performance clean all application tools using diesel fuel or equivalent after each use.

Maintenance

No maintenance is required.

Warranty

Warranty information is available by contacting Instacoat Premium Products.

Technical Services

Technical Services, specifications, and other information is available by contacting Instacoat Premium Products.

Limitations

Must be stored and applied at temperatures of 40° F / 4° C or above.

Vertical applications will require multiple coats to achieve desired thickness.

Do not apply if rain is forecasted within 24 to 48 hours of application.

Footnotes

¹ For more detailed application and substrate preparation specifications and specific job requirements contact IPP.

