

WATERPROOFING PLUS SYSTEM TECHNICAL DATA



Specifications Instacoat Performance/Waterproofing Grades

	PERFORMANCE	WATERPROOFING
Color	Brown. Black when cured.	Same
Solids Content	> 60 %	Same
Specific Gravity	0.92—1.05	Same
Percent VOC's	< 0.1%	Same
PH Factor	7—11	Same
Coverage	> 15 Ft ² /gal @ 60 dry mils	Same
Application Temp.	40° F / 4° C and rising	Same
Permeance	< .08 perms	< .07 perms
Elongation	> 1,500 %	> 1000 %
@Low Temp	> 500 %	> 450 %
Recovery	> 90 %	> 85 %
Tensile Strength	2000 lbs/ft ² up-lift force	Same
V.O.C.	None	Same
Resistance to H2O	No signs of Re-emulsification	Same
Peel Strength	Did not peel	Same

Specifications Instacoat Water Shield

Tensile Strength	67 lbs
Puncture Resistance	3252 Grams
Permeance	.05 Perms
Chemical Resistance	Unaffected
Life Expectancy	Indefinite



Specifications Instacoat Dimpled Membrane

Compressive Strength:	5200 PSF
Material:	HDPE (High Density Polyethylene)
Dimple Height:	5/16" (8 mm)
Fire Rating	B2 (DIN 4102)



WATERPROOFING PLUS SYSTEM



DESCRIPTION

The IPP Waterproofing Plus System consists of a liquid-applied, rubberized asphalt Membrane and a Dimpled Membrane Drainage System.

USES

Instacoat Waterproofing Plus system can be used on various substrates such as concrete, wood, and foam (ICF) to stop the infiltration of water into the structure. The system is normally used in below grade applications. It can be used in new construction as well as on existing structures. The system is suitable for exterior and interior applications in all kinds of climates. The system may also be enhanced by installing the Instacoat Water Shield between the rubber membrane and the dimple membrane thus creating a waterproofing system that is virtually impenetrable.

SYSTEM COMPONENTS

1. Instacoat Waterproofing or Performance Roller & Trowel Grade (used in preparation of detail areas as well as smaller projects)

- Minimum Application Temperature 40° F
- 1 Coat application
- Clean up – Diesel fuel or Mineral Spirits
- Mix Prior to application
- Do not allow to freeze

2. Instacoat Waterproofing or Performance Grade

- Minimum Application Temperature 40° F
- Minimum 1 Coat application
- Clean up – Diesel fuel or Mineral Spirits
- Mix Prior to application
- Do not allow to freeze

3. Instacoat Water Shield (optional)

- Puncture Resistant
- Chemical Resistant
- Indefinite Life Expectancy
- Installed using Instacoat Seam Tape

4. Instacoat Dimpled Membrane Drainage System

- Mechanically Fastened
- User-friendly Installation
- No Clean up necessary
- Available in various Heights and Lengths

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 Roller/Brush or Trowel Grade.

INSTALLATION

COMPONENT 1 & 2

Apply Instacoat Waterproofing/Performance Grade over the entire surface to grade. For Roller & Trowel Grades apply using a roller, brush, or Trowel. For the Spray Grade apply using specialized equipment manufactured by Instacoat. Allow to cure a minimum of 24 hours prior to the application of the Dimpled membrane.

COMPONENT 3 (optional)

After allowing the rubber to cure for a minimum of 24 hours. Install the Instacoat water shield. Install using the Instacoat seam tape on all seams, perimeter, and around any penetrations. If Instacoat water shield is not being used proceed to component 4.

COMPONENT 4

After allowing the rubber membrane to cure for a minimum of 24 hours. Install the Dimpled membrane using dimpled membrane fasteners and membrane caps. Ensure to follow the recommended fastener pattern for the appropriate substrate. Back fill may take place immediately after the dimpled membrane installation is complete. During backfill ensure to take precautions not to damage the Waterproofing Plus System.



Installation of Waterproofing Plus System



Installation of Waterproofing Plus System with water shield

