



MEYER

UTILITY STRUCTURES

The Ultimate
Groundline Protection
Solution

MEYERCLADTM PLUS

Superior below and above grade
protection against:

- Impact and Abrasion
- UV Exposure
- Chemicals
- Soil Acidity
- Stray Currents
- Water

Excellent resistance to
impact and abrasion
and excellent adhesion
to a variety of substrates



MeyerClad™ Plus is an industrial high-performance coating that combines high flexibility with high surface hardness, excellent tensile strength, and resistance to extreme weather conditions. This unique two-component 100% solids, pure polyurea system has been formulated to provide excellent corrosion protection, waterproofing and chemical resistance of the finished coating.

MeyerClad™ Plus offers excellent resistance to impact and abrasion and excellent adhesion to a variety of substrates over a wide range of temperatures.

One of the principle advantages to MeyerClad™ Plus over MeyerClad is its relative insensitivity to moisture during processing/application. In the presence of moisture MeyerClad will react with the moisture and subsequently exhibit foaming or blistering which leads to lower density, porosity and poor cosmetic performance. MeyerClad™ Plus has been formulated to make that interaction virtually impossible. MeyerClad™ Plus can be used in extreme conditions, even on substrates saturated with water without blistering or reacting to the moisture.

MeyerClad™ Plus is excellent for long-lasting exterior barrier coatings due to its resistance to weathering and deterioration by oxygen, especially cracking and embrittlement. MeyerClad™ Plus is superior to MeyerClad in this application due to the increased urea linkages which makes the coating more resistant to hydrolysis which increases longevity of the coating for underground applications. Additionally MeyerClad™ Plus superior formulation offers improved durability and resistance to cracking and wear and tear as seen by the 700 psi improvement in tensile strength as well as a 95% improvement in elongation.

MeyerClad™ Plus in general exhibits similar chemical resistance to that of MeyerClad but the increased urea content gives improved resistance to alkali and petroleum-based chemicals.

MeyerClad™ Plus superior formulation allows application and fast cure even down to -20°F (60 degrees lower than MeyerClad) as well as offering much improved thermal stability at service temperatures up to 350°F.

PROPERTY	DESCRIPTION	MeyerClad™ Plus	MeyerClad™	COMPARISON ¹
Application Temperatures	N/A	-20°F to 150°F	40°F to 150°F	BETTER
Curing Time Before Handling	70°F/20°C	4 minutes	8 minutes	BETTER
Ultimate Cure	70°F/20°C	2-3 Days	3-6 Days	BETTER
Solids Content		100%	100%	Equivalent
Coverage at 16 mils	N/A	100 ft ² /US gal	100 ft ² /US gal	Equivalent
Tensile ¹	ASTM D638	> 4200 psi	>3500 psi	BETTER
Elongation ¹	ASTM D638	>550 %	>30 %	BETTER
Impact Resistance ²	ASTM D2794	>320 inch lbs	>320 inch lbs	Equivalent

¹Specimens for physical properties testing were prepared by molding

²Impact tester had a maximum force of 320 inch-pounds limit

The information provided herein is presented in good faith but is not intended to be used for contract specifications. Please contact your Meyer representative for more information.



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ISO 9001:2015
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