



**TECHNICAL DATA INFORMATION**

**PRODUCT**

HMI SOIL BINDER - **RR600**

**DESCRIPTION**

HMI soil binder is a low viscosity single component polyurethane designed to bind and stabilize loose soils. When the resin is pumped into soils, it reacts with the moisture and expands to fill voids and form a watertight barrier. Soil binder is used to stabilize peat, loose sands, sea walls, concrete floors, foundations and helical anchors.

**ADVANTAGES**

Single Component	Contains no TDI
Fast Cure Time – see results below	Very low viscosity

**DISCLAIMER** The below results are tested by ASTM standards. Data presented is a result of testing under controlled standard laboratory conditions. Results may vary, for the most accurate results, material samples should be submitted and tested.

<b>Physical Properties</b>	
<b>Flash Point</b>	395°
Auto Ignition Temp	>600°C
Viscosity	Dynamic; 380 MPA
Weight	10.4 per gallon
Boiling Point	>300° decomposes
Saturated Vapor Concentration	>32 µg/m <sup>3</sup>
Relative Density	1.21
Vapor Density	8.5
Corrosiveness	Non-Corrosive
Toxicity	Non-Toxic

<b>Appearance</b>	
<b>Physical State</b>	Liquid
Color	Amber
Odor	Slightly Musky

<b>Applications</b>	
<b>Stabilize Loose Soils in/under</b>	
<b>Peat</b>	Loose Sands
Sea Walls	Concrete Floors
Foundations	Helical Piers

<b>Cure Time</b>	
Results may vary	
<b>Factors that affect cure time</b>	
Moisture present	% of catalyst used
<b>Lab Results in Sand</b>	
% of Catalyst	Cure Time
0%	4 hrs 58 min
.5%	24 min
1%	23 min
2%	19 min
3%	16 min
4%	8 min

<b>HMI SOILBINDER in stone</b>	
519 psi	ASTM 39
<b>HMI SOILBINDER in sands</b>	
783-2831 psi	ASTM 39

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