

Hempaprime Shield 700 HS

Faster drying for fast throughput

Product description

Hempaprime Shield 700 HS is a two-component, high solids epoxy primer formulated without the use of exempt solvents for spray usage in areas requiring VOC as low as 2.8 lbs/ US gallon [336 g/L]. With exceptional adhesion to ferrous substrates it gives advanced protection against corrosion.

An environmentally friendly coating with high solids content, low VOC, HAPS free, TIN free, and ready to spray from the container without thinning.

Specifically designed to optimize production, with fast drying times and short minimum overcoat intervals. Used in wet on wet applications with Hempatop Finish 850 HS/MS, it forms the basis of a low VOC fast drying system for a strong, durable and high-performance finish.

Typical applications

Hempaprime Shield 700 HS is the ideal primer for use with Hempatop Finish 850 HS/MS for OEM, including heavy duty equipment, trucks, trailers, commercial vehicles and tanks that require a fast drying epoxy primer. Fast dries to a smooth finish that does not require sanding.

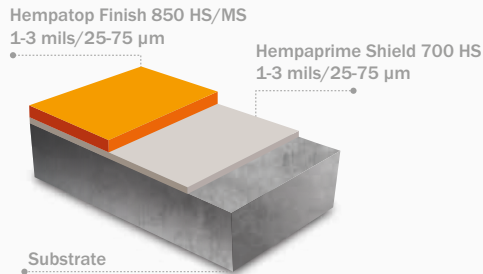
- ✓ Mixing ratio: 8:1 by volume
- ✓ Base 17H19: curing agent 95H10



Features	Benefits
Low VOC	Meets legislative requirements
Fast drying	Increased productivity
Robust coating	Improved performance and application under a wide range of conditions
Optimized application	No need for thinning, coating is ready for use with multiple application types
Exceptional adhesion	Single primer for multiple substrates
Excellent corrosion resistance	Long term performance for long lasting good looks

Typical specification

Typical paint system:



Additional products including 3 layer systems are available. Consult your Hempel technical representative for approved topcoats.



Physical constants	
Shade nos/colors:	21600/Yellow, 11320/Gray, Custom
Finish:	Flat
Volume solids, %:	62 +/- 1
Viscosity when mixed:	20 – 40 seconds #4 Din cup
Theoretical spreading rate:	994 sq.ft./US gallon [24.8 m ² /L] 1.0 mils/25 micron
Flash point:	80°F/27°C
Specific gravity:	12.74 lbs/US gallon [1.526 kg/L]
Dry-time:	3.5 hours 77°F/25 °C
VOC content:	2.8 lbs/US gallon [336 g/L]
Pot Life:	8 hours 77°F/25 °C

The physical constants stated are nominal data according to the Hempel Group's approved formulas. They are subject to normal manufacturing tolerances. This product should be used with reference to the technical specifications.



Certificates and approvals

✓ Tested and approved according to OEM specifications

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