

Technical Data Sheet.

Permahyd[®] Stone Chip Protector 7100

Permahyd[®] Stone Chip Protector 7100 is a waterborne product, which gives protection against the damage from stone chipping.

It is especially suitable for those areas on both passenger cars and commercial vehicles that are particularly susceptible to stone chipping, such as front parts and door sills. It is highly elastic and can be recoated with all top coats.

This product is for professional painting of vehicles only.

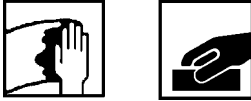


Substrates

Suitable Substrates:

Original or old paintwork (except reversible substrates, **Example:** lacquer) Permacron®, Permasolid® and Permahyd® Primers and Surfacer

Substrate pretreatment:



Degrease and sand.



Before further treatment, clean all substrates once more with Permanent® Silicone Removers 7010 Slow or 7799 Fast, or Permahyd® Silicone Removers 7085, 7090, or 7095.

Application






Spray gun:



Underseal spray gun with screw thread for disposable containers, or if a finer texture is required, Permahyd® Stone chip Protector 7100 can be applied, after reduction with a normal spray gun.

Reducer:

Permahyd® VE Water 6000

Method of application	Underseal gun	High pressure spraying
		
 Application viscosity 4mm, 68°F/20°C, DIN 4	Viscosity as supplied	Depends on quantity of reducer added
 Reducer at 68°F/20°C material temperature	None	Up to 10%
Spray nozzle	N/A	1.4 – 2.1 mm
Spray pressure	HVLP 8-10 PSI @ cap	30 – 40 PSI
 Number of coats	2 - 3	

Recommended film thickness: 5 - 12 mil dry film thickness

Special Note: Rinse equipment with water immediately after use.

Drying

Air drying



At 68°F/ 20°C
Up to 6 mil
Higher film thicknesses

Approximately 2 hours
Overnight

Low Bake:



Flash off time:

40 minutes



Drying time and temperature:

30 minutes at 140°F/60°C

Further steps

Recoat with:



Any Permacron®, Permasolid® or
Permahyd® Top Coat.

Special Tips

1. Permahyd® Stone Chip Protector 7100 can be sanded to desired texture.

Important Regulatory Information

Please see the appropriate VOC Wallchart for compliance for your area. The values depicted below are “as applied regulatory” for the coating. Values have been determined using EPA Test Method 24. Please see the Master Values List for information for information on individual components.

VOC Category	VOC Regulatory	Density g/l	Wt% Volatiles, Water & Exempts	Vol% Water & Exempts
Primer Sealer	.9 lbs/gal – 111 g/l	1371 g/l	35.1%	41.0%

- **For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components. Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.**
- Any analytical results set forth herein do not constitute a warranty of specific product features or of the product's suitability for a specific purpose. All products are sold pursuant to our general conditions of sale. We hereby disclaim all warranties and representations, express or implied, with respect to this product, including any warranty of merchantability or fitness for a particular purpose. This product is protected by patent law, trademark law, copyright law, international treaties and/or other applicable law. All rights reserved. Unauthorized sale, manufacturing or use may result in civil and criminal penalties.

SPIES HECKER, INC.
47818 West Anchor Court
Plymouth, MI 48170
Tel. 888-371-3313
Fax 734-354-3407

