



Technical Data Sheet.

Permahyd® Stone Chip Protector

Waterborne Stone Chip Protector

Permahyd Stone Chip Protector is a waterborne stone chip protector. It is particularly suited to protect the areas on passenger cars and commercial vehicles that are prone to stone chipping, such as the front end and door sills.

- Offers a high degree of elasticity.
- Can be overcoated with all topcoats.
- Is available in 7101 black and 7103 white.



For professional use only!

Spies Hecker simply closer.



An Axalta Coating Systems Brand

Permahyd® Stone Chip Protector

Product preparation - application STANDARD



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Old or original paintwork well sanded and cleaned.
Fully cured 2K Surfacer or 2K Epoxy Primer-Surfacer



Application method	Protector	Reducer
	Volume	Volume
Compliant / HVLP	100%	≤ 10%
High pressure spraying	100%	0%
	7101 - 7103	6000



Not applicable



	Spray nozzle	Spray pressure	
Compliant	1.5 - 2	1.5 - 2 bar	inlet pressure
HVLP	1.5 - 2	0.7 bar	atomisation pressure
High pressure spraying	-	3 - 4 bar	inlet pressure

see manufacturer's instructions



2 - 3 coats

before bake: 35 min - 40 min



	150µ	300µ
20 °C	2 hr - 2 hr 30 min	12 hr - 16 hr
60 - 65 °C	30 min - 35 min	30 min - 35 min



2K Topcoat
Permahyd Hi-TEC Base Coat 480 / Permahyd Base Coat 280/285 + Clearcoat

VOC compliant

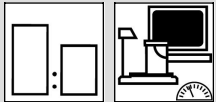
2004/42/IIB(e)(840) 130: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 130 g/l.

Permahyd® Stone Chip Protector

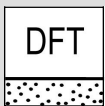
Products

Permahyd® Stone Chip Protector 7101
Permahyd® Stone Chip Protector 7103

Product mix



Mixing ratios with special agents are available in the productmix table on Phoenix and in the specific TDS.



150 - 300 µm

Theoretical coverage

525 m²/l at 1 micron dry film thickness

Due to different hardener characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.

Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



Clean after use with a suitable waterborne guncleaner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Do not apply over 1K primer, etch primer or thermoplastic acrylic finishes.
- For countries outside the EU or usage other than vehicle refinishing: As an alternative, Permacron Base Coat 293/295/297 or Permacron MS Top Coat 730/Top Coat 257 can be used if not banned by the VOC Directive 2004/42/EC and if available.
- Can not be applied over acid containing primers.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Spies Hecker product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Spies Hecker product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.