



Hardeners



Permasolid® VHS Hardeners

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Thanks to the variety of Permasolid® VHS and Permasolid® VHS Performance Hardeners all painting conditions can be optimally catered for and highly reliable application is guaranteed.

Their high solids content allows for economical and eco-friendly application.

- **Permasolid® VHS Hardener 3220 fast.**
Suitable for partial refinishes and low volumes of outgoing air in the spray booth.
- **Permasolid® VHS Hardener 3225.**
Suitable for full and partial refinishes at normal temperatures.
- **Permasolid® VHS Hardener 3230 slow.**
Suitable for full and partial refinishes, even at high temperatures.
- **Permasolid® VHS Hardener 3240 extra slow.**
Suitable for full and partial refinishes, even at very high temperatures.



Permasolid® VHS Performance Hardeners

Permasolid® VHS Performance Hardeners. (for Permasolid® HS Performance Surfacer 5320)

- **Permasolid® VHS Performance Hardener 3425 ***
Suitable for full and partial refinishes at normal temperatures.
- **Permasolid® VHS Performance Hardener 3440 slow ***
Suitable for full and partial refinishes, even at very high temperatures.

* Permasolid® VHS Performance Hardeners may only be used for Permasolid® HS Performance Surfacer 5320.



Permasolid® HS Hardeners

Permasolid® HS Hardeners

Their high solids content allows for economical and eco-friendly application.

Having five versions means that all painting conditions can be optimally catered for and highly reliable application is guaranteed.

- **Permasolid® HS Hardener 3307 extra fast**
Suitable for spot repairs and partial refinishes at low temperatures.
- **Permasolid® HS Hardener 3309 fast**
Suitable for partial refinishes at low temperatures and low volumes of outgoing air in the spray booth.
- **Permasolid® HS Hardener 3310**
Suitable for full and partial refinishes at normal temperatures.
- **Permasolid® HS Hardener 3312 slow**
Suitable for full and partial refinishes, even at high temperatures.
- **Permasolid® HS Hardener 3315 extra slow**
Suitable for full and partial refinishes, even at very high temperatures. Finishes applied using this hardener are characterised by excellent gloss and flow.

Permasolid® HS hardeners are the hardeners specially developed for our High-Solid products.



[Poster Hardeners](#) (pdf | 95.53 KB)

[> PRODUCT FINDER](#)

http://www.axaltacoatingsystems.com/content/spieshecker_corporate/en_GB/products/passenger-cars/hardeners.print.html