Hardeners

Permasolid® VHS Hardeners

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.  
(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

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.