

# Technical Data Sheet.

## Priomat® Wash Primer 4075

Priomat® Wash Primer 4075 is a zinc chromate-free, acid-curing, two-pack adhesion promoter from our "PVB System".

### Substrate

- passivation qualities provide excellent corrosion protection

### Application

- for all metal substrates, in particular for aluminium and galvanised steel panels

### Drying

- fulfils the specifications of many car manufacturers

### Recoating

- easy to apply

### Special notes

### Data

### Storage

For professional use only!



# Substrate



## Suitable substrates:

1. Steel
2. Electroplated / roller galvanised steel panels or soft aluminium, cleaned and sanded.
3. Lightly sanded factory primer
4. Well sanded old or original paintwork (except thermoplastic paintwork)
5. Surfaces treated with Raderal® 2K polyester products and then finely sanded

## Substrate pretreatment:



Steel, electroplated / roller galvanized steel panels or soft aluminium - degrease and sand lightly.

Factory primer - clean and sand lightly.

Original or old paintwork - clean and sand lightly, remove all traces of rust and sand the areas around the former rust spots to create a smooth transition to the old paintwork.



Before further treatment, clean all substrates once more with Permanent Silicone Remover 7010 or Permalan® Silicone Remover 7799.

# Application



## Mixing ratio:

1:1 by volume with  
Priomat® Activator 4076










or add 91.6 g Activator 4076 to each 100 g base material

## Pot life:

Ready for use 8–10 hours at +20°C.  
Mixed material must be used the same day.

## Reducer:

Permacron® Reducer 3364

Method of application		High pressure spraying		HVLP	
		Gravity feed	Suction feed	Gravity feed	Suction feed
					
	Application viscosity at +20°C material temperature	DIN 4 mm: 15–16 seconds ISO 4 mm: 33–37 seconds ready for use after mixing			
	Reducer at +20°C material temperature	If required, Permacron® Reducer 3364 may be added			
	Spray nozzle	1.3–1.5 mm	1.5–1.7 mm	1.3–1.5 mm	1.6–1.8 mm
	Spray pressure	4–5 bar	4–5 bar	—	—
	Internal nozzle pressure	—	—	0.7 bar	0.7 bar
	Number of coats	2			
	Prescribed film thickness	8–10 µm dry film thickness			

## Drying



Air drying:

At +20°C ambient temperature



recoatable: 30 minutes

## Recoating



recoatable:

After flash-off at +20°C  
with



Permacron®/Permasolid® 2K acrylic surfacer

Top coat:

Permacron® Automotive Top Coat Series 257  
Permasolid® HS Automotive Top Coat Series 270  
Permahyd® Base Coat Series 280/285 and  
Permacron®/Permasolid® 2K clear coat  
Permacron® Base Coat Series 293/295 and  
Permacron®/Permasolid® 2K clear coat

## Special notes



1. Do not recoat with polyester or epoxy products.
2. Not suitable for application on thermoplastic paintwork.
3. Do not recoat directly with Permahyd® Base Coat Series 280/285.

## Data



<b>Viscosity as supplied:</b>	At least 60 seconds	
<b>Flash point:</b>	Above +23°C	
<b>Solids content:</b> (without reducer)	<b>Wash Primer 4075</b> approx. 25.3% by wt. approx. 13.6% by wt.	<b>mixed</b> approx. 15.4% by wt. approx. 7.9% by wt.
<b>Specific weight:</b>	approx. 0.96 g/cm <sup>3</sup>	approx. 0.92 g/cm <sup>3</sup>
<b>Coverage*:</b>		approx. 9.8 m <sup>2</sup> /l at 8 µm dry film thickness
<b>VOC content:</b> (without reducer)	712 g/l	773 g/l

\* The coverage was calculated on the basis of the recommended dry film thickness and the solids content by volume of the mixture (without reducer). No allowance was made for wastage during application.

## Storage



**Guaranteed shelf life:** 6 months in sealed original containers

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 relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed.

The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

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.



SPIES HECKER GMBH  
Fritz-Hecker-Str. 47 - 107 D - 50968 Köln  
Phone (0)2 21 - 37 06-06 Fax (0)2 21 - 37 06-410