

# TECHNICAL DATA SHEET

## P1 PRIMER, P1 BASE

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### DESCRIPTION

1-component, multi-polymer technology, waterborne peelable paint for use straight on the OEM paint for solid, metallic and pearl colours. Suitable for use on cars, trucks and buses.

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### PRODUCTS

P1 PRIMER  
P1 BASE

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### PROPERTIES

- Easy to spray and low sagging.
- Ready to spray out of the can (after mixing with pigments, pearls or metallic flakes for coloured applications).
- Gives a smooth, high build finish.
- VOC-free.
- Toxins-free.
- NON-hazardous.

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### SUBSTRATES

- All OEM and cured repair finishes.

## P1 PRIMER, P1 BASE

<b>Mixing ratio</b>	Ready to use.			
<b>P1 Pearls mixing ration</b>	10-25 g/l.			
<b>VOC</b>	0 g/l.			
<b>Pot life at 20°C after activation</b>	Non applicable.			
<b>Spray viscosity at 20°C</b>	<b>DIN 4</b> 22 - 26s			
<b>Spray equipment</b>	<b>Compliant guns</b> (SATA 5000 B RP or similar) Gravity fed	<b>Fluid tip</b> 1,2-1,4 mm	<b>Distance</b> 10-15 cm	<b>Pressure</b> 2,2 bar
<b>Number of coats</b>	1 primer coat + 1-2 base and 2-3 pearl coats + mist coats for metallic's and pearls.			
<b>Coat overlap</b>	60%			
<b>Flash time</b>	Non applicable. Allow to fully dry in between coats. 5-10 min before bake			
<b>DTF</b>	20-25 microns per coat.			
<b>Drying</b>	<b>30 min at 25°C</b>			
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.				

## SURFACE PREPARATION

1. Clean surface with water and soap preferably the day before. Rinse and dry.
2. Degrease with a correct preparatory cleaner. Wipe dry with a clean cloth.
3. Degrease with a correct final cleaner/degreaser. Wipe dry with a clean cloth.
4. Tack rag.

## P1 PRIMER AND P1 BASE APPLICATION

Apply 1 wet coat of P1 Primer; 1 tack coat is optional, allowing a sufficient drying time.

Apply a minimum of 4 wet coats allowing a sufficient drying time in between coats.

Overlap the coats 60%.

The 4 coats can be made out of 4 layers Base clear or 2 Base tinted and 2 Base with P1 Pearls.

Generally, if the pearl-load is 25 g/l (common for colorshift pearls), 2 coats are sufficient for a good coverage.

## **P1 PRIMER, P1 BASE**

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### **TOPCOAT APPLICATION**

Only use P1 Coatings® topcoats, unless otherwise specified.  
When base coats are fully dry, apply a topcoat. Maximum time before topcoating is 3 days.

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### **EQUIPMENT CLEANING**

Use clean cold water.

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### **RECOATABILITY**

At any time after drying.

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### **REMARKS**

- The use of P1 Coatings® base and primer will depend on external conditions. (relative humidity, air flow, temperature, ...).
  - P1 Pearls have to be thoroughly stirred before spraying.
  - Material has to be stored in tightly closed containers and at temperatures between 5°C and 35°C.
  - Material has to be at room temperature (18-25°C) before use.
  - Must not freeze.
  - The P1 Coatings® Pearls can be diluted in small amounts of water prior to mixing with P1 Base.
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### **PRODUCT DATA**

Theoretical coverage:            15-18 m<sup>2</sup>/l at recommended DFT - ready to spray.

All other products referred to in the paint system build-up are from P1 Coatings®. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to P1 Coatings®, unless explicitly indicated otherwise.

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