

# MULTI Purpos-R Black



**eSense**  
repair the right way

**P 2P65**

**eSense DTM, black**

**Application:** Pioneer Series - eSense undercoat solutions.

**Key Features:** Eco effectiveness DTM - primer, primer filler and filler.  
For outstanding surface quality due to direct to metal application and special anti-corrosive properties.

**Remarks:** MULTI Purpos-R Black can be mixed with MULTI Purpos-R White to achieve different grey shades.

Storage Temperature: 41-113 °F (5-45 °C)  
Shelf Life: 24 months



## Cleaning

Clean the surface with MULTI Clean-R before applying MULTI Purpos-R Black.

## Handling

### Product is suitable on



- Sheet steel
- Galvanised sheet steel
- Aluminium
- OEM parts with e-coat
- Old paintwork

**VOC ready for use**                      539 g/l                      4.5 lb/gal

## Safety advice:

It cannot be ruled out that this product contains particles < 0.1 µm.

The products are suitable for professional use only.

For the use of this product please adhere to the actual safety recommendations and the personal protective equipment.

Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous and should be used according to label directions and technical data information. Appropriate respiratory protection should be worn at all times while products are in use - read product label and Material Safety Data Sheet (MSDS) for specific details. Statements and methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only and are not to be interpreted as warranty for events resulting from their use. Dilution ratios are intended to provide maximum performance within the typical Volatile Organic Compound (VOC) restriction for product use. Specific VOC limits need to be referenced to verify local compliance. Altering the solvent or dilution ratio may impact VOC compliance. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.







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|   |                                       |                                  |  |
|---|---------------------------------------|----------------------------------|--|
|   | <b>5:1:1</b>                          |                                  |  |
|  | <b>Mixing Ratio</b>                   | 100 % by volume                  | P 2P65 eSense DTM, black   |
|  | <b>Hardener</b>                       | 20 % by volume                   | H 2P60 eSense MULTI Purpos-R hardener  |
|  | <b>Thinner</b>                        | 20 % by volume                   | R 2P15 eSense thinner, fast<br>R 2P25 eSense thinner, medium<br>R 2P35 eSense thinner, slow<br>R 2P20 eSense undercoat thinner, medium |
|  | <b>Spray viscosity at 68°F / 20°C</b> | DIN 4: 18-20 s<br>ISO 4: 40-60 s |  |
|   | <b>Potlife at 68°F / 20°C</b>         | 90 min                           |  |

|                                 |  <b>HVLP spray gun</b> |  <b>Compliant gravity-feed spray gun</b> |
|---------------------------------|---|--|
| <b>Application pressure</b>     |   | 29 psi   |
| <b>Nozzle pressure</b>          | 10.2 psi  |  |
| <b>Nozzle size</b>              | 1.7-1.9   | 1.6-1.8  |
| <b>Number of spraycoats</b>     |   | ½ + 1  |
| <b>Flash-off at 68°F / 20°C</b> | Flash off between spray coats until mat, no flash off before drying.                                      |  |
| <b>Film thickness</b>           | 2-2.8 mil   |  |

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## Drying



Drying at 68°F / 20°C 16 h

Drying at 140°F / 60°C 35 min



Infrared (short wave) 9 min



Orbital sanding, dry

P400 - P600

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.



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