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#### RLD8990V

#### Technical Data Sheet

February 2021

International Master - for professional use only

**Product List**

|  |  |
| --- | --- |
| **Performance Wash Primer** | |
| **Product** | **Description** |
| F8990 | Epoxy Putty |
| F8992 | Hardener for Epoxy Putty |

**Product Description**

F8990 Epoxy putty is a zero VOC multipurpose product that can be used on different substrates such as steel, aluminum, stainless steel and galvanized steel as well as on top of sanded old finishes.

Being an epoxy product, the mixing ratio allows a more comfortable use with reduced risk of mistakes in addition of hardener in comparison with classic PolyEster putties.

It is also less sensitive to humidity without the inherent risk of PE products where wet sanding or contact with humidity can cause problems of microblistering.

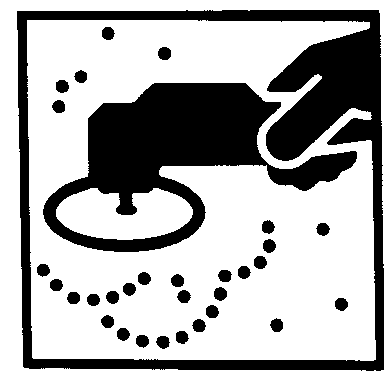
It is particularly suitable for large surfaces, its long pot life and slow drying time allows to spread a uniform layer on surfaces such as for example side panels of railway wagons.

Compared with classic PE putties the epoxy results to have an higher flexibility, it permits to the users to achieve higher thickness up to 20 mm with low risk of cracking.

Mixed with its fast hardener it can be used for spot repair with minimal difference in drying time compared to PE putties.

**Substrates and Preparation**

**PREPARE THE SUBSTRATE AS FOLLOWS:**



**Cleaning:**

The substrate to be painted must be dry, clean, free of corrosion, grease & mould release agents.

Substrates need to be thoroughly prepared using a combination of D845 Degreaser & D837 Spirit

Wipe (or D8401 low V.O.C cleaner).

**Substrates: Sanding:**

Bare steel P80-P150

Bare Aluminium P360 Dry or Fine Blasting

Anodized Aluminium No Sanding

Galvanized Steel Scuff with Scotch Brite®

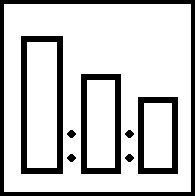
Red Pad P80-P150

GRP P320-400

OE or old finishes P320-400

**Process**

**APPLICATION**

****Mixing Ratio by Weight:

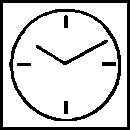
F8990 Epoxy Putty 1000

F8992 Hardener for Epoxy Putty 500

Recommended combinations:

|  |  |
| --- | --- |
| **Temperature** | 20°C |
| Dust Free | 5 minutes |
| Sand/Overcoating Time | Minimum 45 minutes based on average 1mm thickness (\*) |
| Overcoat with: | Any 2K PPG CT Primer or Surfacer |
| Dry Film Thickness | Up to 25 mm |



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(\*) drying time can vary according to film thickness.

Due to exothermic reaction that happens in the putty, higher film thickness will generate a warmer temperature inside the film so the drying will be faster.

**Health and Safety**

The EU limit for this product (product category:IIB.b) in ready for use form is max. 250g/l of VOC.

The VOC content of this product in ready for use form is 0 g/l. Depending on the chosen mode of use,

the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

These products are for professional use only, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the material Safety Data Sheet, also available at: www.ppgrefinish.com

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