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1. GENERAL DESCRIPTION

P991 is an antistone-chip texturized deadening protective coating based on polymers in solvent.

Sprayed on metal sheets it quickly forms a highly plastic and abrasion resistant protective coating.

P991 does not shrink and crack even applied at low temperatures. It is insoluble in water and may be painted in a short time after application.

In auto-refinish P991 is recommended for the protection of side panels, lower doors, aprons, trunks, undebody, bumpers and doors.

Can be painted with standard vehicle solvent paint systems. Oven drying fastens final result.

2. CHEMICAL AND PHYSICAL PROPERTIES

COLOUR	BLACK-GREY- light BEIGE	
ODOUR	Solvents	
BASE	Polymer in solvent, rubber/resins, mineral fillers and additives	
ASPECT	Viscous liquid	
VISCOSITY	35.000 – 50.000cps (black) 30.000 – 45.000cps (grey and beige)	1*
DENSITY	1,43 ± 0.03 g/cm ³	2*
SOLID CONTENT	71 ± 2 %	3*
SAG RESISTANCE	GOOD	
LAYER THICKNESS WET	400 – 500 µm with two hands	
DILUENT	Most common diluents for paints NITRO Avoid diluents containing alcohol or water	
TACK FREE TIME @25°C 0,3mm	25 -30 min	4*
PAINTABILITY AT 25°C 0,3mm	Aprox after 45 min	
APPLICATION TEMPERATURE	From +10°C to + 35°C	
SERVICE TEMPERATURE RANGE	From -25°C to +80°C Short term 1h @ 100°C	

1* metodo T-02 (rif. ASTM D2196-91/A); 2* metodo T-04 (rif. ASTM D1475-90)

3* metodo T-05 (rif. ASTM D2369-95); 4* metodo T-33 (rif. ASTM D1640-95)

3. INSTRUCTIONS FOR USE

Pretreatment

Surfaces must be clean, dry and free of rust, grease, dust or other contamination. Areas not be coated should be covered with masking tape.

Adhesion on old surfaces can be improved by roughening the surfaces to be coated.

Pretreat surface with phosphate and epoxy based primers. Let dry completely dry.

Application

Shake well bottle of P991 for at least 15 seconds. Open bottle and insert in recommended air gun (under pressure or direct air flow).

Recommended air pressure is between 4 and 5 bar.

Apply at a distance of 15-20 cm from surface . Apply two crossed over coats.

The recommended dry thickness for best performance is between 350 and 400 µm.

The total layer thickness should not exceed 2mm and must be applied in more than one coat. After use close the can and clean the application equipment.

Painting

Paint after 45 min from application and at least within 8 hours from application. After the product is completely dry a light sanding prior to painting is recommended.

Drying

After painting a drying in oven at 60°C for 30 min.

Avoid drying with infrared lamps: blistering may form.

4. PACKAGING

P991 is available in 1kg bottle or 165lt drum

5. USAGE, STORAGE AND SHELF LIFE

P991 stored in its original container, in a dry and well ventilated area, at temperatures between 5°C and 30°C has a shelflife of 36 months from manufacturing date.

6. DISCLAIMER

The above information and our technical indications (both verbal and written or resulting from testing), in particular those that regard the applications and uses of our products, correspond to our best knowledge and experience; however, they do not constitute our warranty relative to final results or our responsibility deriving from any juridical relationship whatsoever. In fact, considering the multiplicity of materials, supports, handling and storage conditions, as well as the conditions of production and utilization, the user, in function of his specific circumstances of use, must always preventively verify all the information and instructions reported above. No assertion contained in this publication is to be considered authorization or suggestion to violate any industrial property rights of third parties.

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