



RAINBOW

POLYESTER PUTTY – Rainbowcar 1601

Specification Data

Type	Polyester resin with special pigments and hardener.		
Uses	Used for mechanical products and casting parts. It can also be used for car, rolling stock and yacht repairing. Applicable on galvanized steel, aluminium and alum-alloy metal and fiber-reinforced plastic.		
Characteristics	<ul style="list-style-type: none">• Very fast drying within 40 minutes• Easy to apply and grind• Very good resistance to moisture and corrosion.• Solvent free with low film shrinkage		
Color	Khaki		
Finish	Flat		
Mass Density	Above 1.6 Kg/L (mixture)		
Viscosity	Paste (mixture, 25°C)		
Solids Content	By Weight Above 98% (mixture)		
Theoretical Coverage	3.8 m ² /Gal (40.7 ft ² /Gal)	1 m ² /L (10.7 ft ² /Gal)	0.63 m ² /Kg (6.7ft ² /Gal) (DFT : 1 mm)
Dry Film Thickness	Dependence		
Overcoating intervals	Min. 0.6 hrs.	Max. 6 months	
Subsequent Coats	Rainbowcar 770 or others we suggested.		
Repair	Self Repairing		

Certification

- **BS 6853: 1999 Table 5 (exterior vertical surfaces) (Rainbowcar 1021 + Rainbowcar 1601 + Rainbowcar770 + Rainbowcar 727) :**
Exova Waringtonfire Document Reference :393306, 393308 & 393309 Date 6th February 2018

Application Instruction

- Surface preparation
 - General** Remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Surfaces must be clean and dry. Moisture, grease, sludge, dust, corrosive salt must be thoroughly cleaned from substrate.
- Mixing & Thinning
 - Mixing** Mix base and hardener according to the mixing ratio and stir thoroughly.
 - Mixing Ratio** Base : hardener = 100 : 2 (by weight)
 - Pot life** 10 minutes at 25°C (mixture, 77°F)

EPDM1616019X V1.0

YUNG CHI PAINT & VARNISH MFG. CO., LTD.

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<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181
FAX:886-7-8715443



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- Equipment

Application

Avoid applying the paint in rainy weather or the relative humidity exceed 85%, particularly, a wet surface must be thoroughly dried. All equipment must be cleaned immediately after use. To increase or decrease the usage of hardener depending on the temperature of the coated surface, the temperature decreased may have to add more amount of hardener

Application method

Smear

- Environment conditions

Condition	Coating	Surface	Environment	Humidity
Minimum	10°C (50°F)	10°C (50°F)	10°C (50°F)	30%
Maximum	35°C (95°F)	55°C (131°F)	45°C (113°F)	85%

Industry standards are for substrate temperatures to be 3°C(5°F) above the dew point . the product simply requires the substrate temperature to be above the dew point.

- Cleanup & Safety

Cleanup

Use Epoxy Thinner (SP-12) to clean. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety

Please read and follow all caution statements on this product data sheet and MSDS for this product.

Ventilation

Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic or oxygen deficient hazards.

- Package, Handling & Storage

Shelf Life

Part A :Minimum 2 years under normal storage conditions
Part B :Minimum 1 years under normal storage conditions

Shipping Weight

Part A : 1 Gallon – 5 kg
Part B : 1 Gallon – 0.08kg

Storage Temperature & Humidity

5-35°C (41-95°F)
0-85% Relative Humidity

Flash Point

Above 20°C

Storage

Store in cool ventilated place, do not exposed to the sun in outdoor to avoid affecting the quality.

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