BMA POLYESTER PUTTY

Code: BMA-PEM000

Code of its hardener:

Color: Grey

PROPERTIES

BMA Polyester Putty is a two-component polyester filler paste, formulated with a high quality to repair damaged body panels on vehicles. It is easy to spread, quick drying and it provides an easy-to-sand surface with a remarkable adherence, it is suitable for cars and buses.

RECOMMENDED USES

BMA Polyester Putty could be used for:
- ✓ Iron, steel, aluminum, galvanized substrates

PERFORMANCE BENEFITS

- ✓ Easy spreading
- ✓ Easy to sand
- ✓ Very good adherence
- ✓ Quick drying
- ✓ Resistant to weak acids and bases, propellants, solvents & water.

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Viscosity at 25 °C Brookfield (sp6 &20 rpm)	ISO 2555	280,000 Cp
Gel time at 25 °C	ISO 2535	4:30 Min
Determination of tack-free time	Apply film with the standard at the same time on the same condition.	16 min.

Sandability (Manual) /40min	-	Pass
Flexibility/ 2 hours	ASTM D2240	77
Specific Gravity @ 25ºC	ASTM D1475	1.78
Dry film thickness	ISO 2808	5 mil
Recommended wet film thickness	ISO 2808	6 mil

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Polyester Putty, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc.…) in order to avoid the risk of surface failing.

Metal surfaces

For new steel, clean the surface from any oil or grease residues using a solution (1:10) of Eksen Kimya (1 L of EKSEN KIMYA DL50 dissolved in 10 L of water). Sand the substrate to Sa 2½ until smoothing then remove all sanding dust and let it dry before any primer application.

For painted steel, remove loose and peeling paint using mechanical methods such as sanding and sandblasting of the entire surface until smoothing so the new coating can adhere properly. When the old paint is compatible with the new one, only light sanding is required. Then, remove persistent dirt and sanding residues with a detergent solution.

For non-ferrous metal (galvanized steel, aluminum, stainless steel, iron, etc.…), use BMA Wash Primer BMA-WPU in order to etch the substrate, remove any corrosion residues and promote adhesion to the subsequently applied coatings. In case of unweathered surface or when weathering is not possible, apply a sweep or brush blast cleaning using a non-metallic abrasive in order to lightly roughen the surface. Let the surface dry before coating application.

Mixing

Mix the desired amount of BMA Polyester Putty by approximately 3% hardener using a plastic spread or putty knife (Pot life: 3-5 minutes at 25ºC).

Application

BMA Polyester Putty should be applied on a well cleaned, dried and free from contaminations surface in a well-ventilated area. The temperature should be between 5 and 30°C and the humidity not more than 85%.

Using a flexible blade, apply a coat of BMA Polyester Putty across the desired area. Sanding can be done wet using grit sanding paper number 120, or dry using grit sand paper number 80 followed by grit sanding by grit sand paper number 180.

Drying Time

Temperature	Surface Dry	Hard Dry
At 10ºC	6 min	45 min
At 20ºC	4.5 min	30 min
At 30ºC	3.5 min	20 min
At 40ºC	3 min	15 min

AVAILABLE PACKAGING

2 kilos – 5kilos

SHELF LIFE

BMA Polyester Putty should be stored in unopened and undamaged containers in a well-ventilated area where the temperature varies between 5°C and 35°C away from direct exposure to sunlight, to heat and to freezing conditions.

Under these conditions, the shelf life of BMA Polyester Putty will be 1 year. After this period, the filler quality will be subjected to re-inspection.

HEALTH & SAFETY

Before using this product, please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

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IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BMA Commercial & Industrial s.a.l expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

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