

BMA FONDO PRIMER

Code : BMA-FOK

Code of its hardener: BMA-HPU400

Color: White, grey, black, red, yellow, other colors upon request

PROPERTIES

A two-component aliphatic cured polyurethane primer with high durability, superior adhesion properties. It is designed to improve the bonding capacity for application on any steel substrates.

RECOMMENDED USE

BMA Fondo Primer can be used for:

- ✓ Automotive vehicles and components

PERFORMANCE BENEFITS

- ✓ Excellent durability
- ✓ Excellent resistance to weather conditions
- ✓ Good adhesion to steel
- ✓ Good flow and wetting properties
- ✓ Easy to apply

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to the **Fondo Primer BMA-FOK (Part A)** cross-linked with its Hardener **BMA-HPU400**.*

Tests	Norms	Results
Total solids, by weight	ASTM D2369	62%
Specific Gravity (g/cm ³)	ASTM D1475	1.44 g/cm ³
Consistency, at 25°C (Part A)	ASTM D562	30 Poises
Spreading Rate at 35µm DFT ⁽¹⁾	-	11.5 m ² /L

Recommended WFT ⁽²⁾ at 25% Dilution	-	110 µm
Recommended WFT ⁽²⁾ at 20% Dilution	-	105 µm
Total Volatile Organic Compound (VOC)	ASTM D3960	549 gr/L
Hardener Code	-	HPU400
Hardener Percentage, by volume	-	25%
Pot Life	-	5 hours

¹⁾ DFT: Dry Film Thickness

²⁾ WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc...) in order to avoid the risk of surface failing.

Treatment of steel surfaces:

To obtain optimum performance, for metal surface, substrate must be cleaned by blast cleaning method. Sealer must be dry and free of all contaminants and sufficiently roughened if necessary.

Mixing

Pour contents of BMA Fondo Primer into a larger container, add its corresponding hardener (HPU400) and mix them thoroughly. The hardener percentage to the base component is 25% by volume.

Thinning

If thinning is required, use 20 to 25% of BMA Thinner 2K using a brush, roller or air spraying system.

Application

BMA Fondo Primer should be applied in a ventilated area where the temperature varies between 5°C and 35°C and relative humidity of the air does not exceed 85%.

Drying Time

Surface (Touch) Dry: 40 minutes
Through Dry: 4 hours
Dry to over coat: 8 hours
Full cure time: 7 days

AVAILABLE PACKAGING

Liter Kit: 1L+ 0.25L – Gallon Kit: 3.785L + 1L

SHELF LIFE

BMA Fondo Primer should be stored in unopened and undamaged containers in a well-ventilated area where the temperature varies between 5°C and 35°C.

The product must be kept away from direct exposure to sunlight or any heat or flame source.

Under these conditions, the shelf life of BMA Fondo Primer will be 2 years. After this period, the products quality is subjected to re-inspection. Proper handling is essential to maintain good quality.

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.

TDS.101 - Edition #: 2

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

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