

Puma Polymers

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MASTERWORKS™ M2

Introduction

Master Works™ M2 is formulated as a milling media for the manufacture of patterns (plugs). Master Works™ M2 is a low toxicity, acrylic mineral composition.

This two component product is designed to be compatible with existing Master Works™ spray equipment.

Master Works™ M2 can be used over rough milled EPS forms to provide a machinable surface coating at any thickness required.

Master Works™ M2 has a specific gravity of circa 1kg/l (62lb per cu ft). It machines well giving high quality surface characteristics and good edge definition.

Master Works™ M2 evolves no toxic dust or vapors during the machining process.

Features / Benefits

- Easy to use with simple mix ratios
- Water based with water clean up
- Low toxicity
- Non combustible
- Low odour
- Dimensionally stable
- Low exotherm on set (30°C)
- Good adhesion to a variety of substrates
- Non-hazardous waste
- Can be continuously processed
- Will accept a variety of coatings



Spraying 20mm over rough milled EPS boat deck

Processing

The material is supplied as two liquid components A and B that must be mixed together in a simple volume ratio of 2 parts Component A and 1 part Component B.

Application Areas

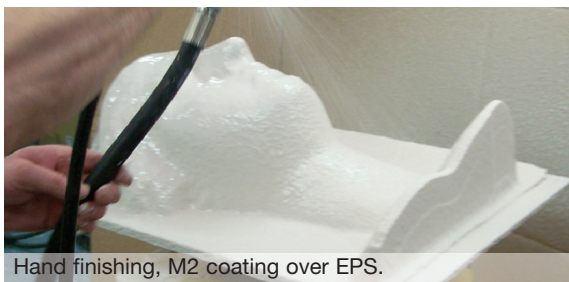
- General milling and pattern making
- Overcoating of rough EPS shapes
- Overcoating of hand carved EPS
- Can be sculpted by hand



Final pattern, post fine milling.

Technical Information

Density (wet)	1.13 kg/lt 70 per ft ²
Density (dry)	1.00 kg/lt 62lb per ft ²
Initial set time	16 minutes
Ultimate hardness	circa 50 shore D
Final expansion	0.075%



Hand finishing, M2 coating over EPS.

DISCLAIMER OF LIABILITY

The information above is given in good faith as a guide for material use. However it remains at all times the responsibility of the customer to ensure that the material is fit for the particular purpose intended. The Master Works Trade Mark is the property of the Rohm and Haas Corporation.