

## BMA FLINTS

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*Code: BMA-DFL*

*Color: Catalogue colors*

### PROPERTIES

BMA Flints is a water based decorative covering having alternative smooth and rough finishes combined with a sparkling effect. BMA DFL is able to harden the surface, provide a protection against water leakage and UV lights as well as a full hiding of the occurring imperfections. The Decorative BMA Coating could be used for interior walls in houses, aesthetic places, commercial buildings and shops.

### RECOMMENDED USES

BMA Flints could be used for:

- ✓ Walls and ceilings
- ✓ Masonry cement surfaces
- ✓ Building materials
- ✓ Gypsum based plasters
- ✓ Block works

### PERFORMANCE BENEFITS

- ✓ Decorative coating with a shiny effect
- ✓ Excellent cracks and holes hiding and covering power
- ✓ Resistance to abrasion and UV rays
- ✓ Good hardness and adhesion properties
- ✓ Easy to apply with a minor odour
- ✓ Long lasting covering

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to BMA Flints, **white color***

Tests	Norms	Results
Total solids, by weight	ASTM D2369	48%
Specific gravity (g/cm <sup>3</sup> )	ASTM D1475	1.2
Viscosity, @25°C	ASTM D562	20 Poises
Total Volatile Organic Compounds (VOC)	-	16 g/L
Spreading rate at 50 µm DFT <sup>(1)</sup>	-	8 m <sup>2</sup> /L

1)DFT: Dry Film Thickness

2)WFT: Wet Film Thickness

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Flints, 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.

Concrete substrate must be well prepared in order to avoid any coating defects.

For new surface, ensure that concrete is completely cured at least 30 days.

For both fresh and old concrete, decontamination is required to remove any dust, oil, grease, laitance, fatty acids or any additional contaminants. This could be also done using 3% solution of ammonia in water.

Allow concrete substrate to dry then check the moisture and the pH of the substrate. Ensure that the pH is between 6 and 9 since alkalinity can affect and destroy paint adhesion. For the moisture content, make sure that it does not exceed 4% (by weight). Otherwise, the concrete surface is not a good candidate for painting.

### Priming

Prime the surface with one of the followings: BMA Putty, BMA Compotex or BMA Roof Coating.

### Thinning

If thinning is required, use 5% of tap water while applying BMA Flints with a special flints brush.

### Application

BMA Flints should be applied in a well-ventilated area where the humidity does not exceed 75% and the temperature varies between 5°C and 35°C.

The application must be done using a brush on a well clean, dry and primed surface and after removing any dust residues. For an artistic finish with an elegant appearance, spread BMA Flints in all directions and shift the sparkles in such a way to obtain the desired luminescent effect.

## Drying Time

Touch Dry: 1-2 hours

Dry to over coat: 2 hours

Thorough Dry: 12 hours

## AVAILABLE PACKAGING

1 Kilo; 1 Gallon = 4 L

## SHELF LIFE

BMA Flints should be stored in closed and undamaged containers in a well-ventilated area where the humidity does not exceed 85% and the temperature varies between 10°C and 35°C. The storage must be away from direct exposure to sunlight and far away from a heat or freezing source. Under these conditions, the shelf life of BMA Flints will be 1 year. After this period the product 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.

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