

## DESCRIPTION

Water borne finish , based on polyvinyl acrylic resins .

Ideal for indoor and outdoor use with great durability .

Washable with water .

Could be applied over any kind of water base coating , and over the undercoat synthetic .

## PRINCIPLE CHARACTERISTICS

- Particularly suitable when solvents are not permitted because of health and safety reasons.
- Easy application by brush or roller with excellent flow .
- Good weathering resistance .
- High opacity.
- Good color retention .
- High durability.
- Can be washed with water.
- Suitable for interior and exterior use.
- Could be easily tinted .
- Suitable for allergy sufferers.
- Excellent coverage .
- Anti - bacterial action .
- Great spreading rate and excellent adhesion .

## BASIC DATA AT 25°C

### Mass density

1.43 g/cm<sup>3</sup>

### Recommended dry film

50 microns per coat

### Theoretical spreading rate

10-12 m<sup>2</sup>/l for light colors

12-15 m<sup>2</sup>/l for dark colors

### Touch dry after

1 hour depending on temperature & humidity

### Overcoating interval

3-4 hrs at 25 °C

### Flash point

Above 65 °C

### Viscosity

22 poises

### Solid content

30 – 32%

### VOC Content

0.05 – 0.5 %

### Storage temperature

10 - 35° C

### Shelf life

At least 18 months

### Colors and Gloss

Colors are available upon BMA catalogue (other colors upon request) – flat.

### Full cure

12 hours

## APPLICATION

### \*On a new surface :

- Rub the cement all over the wall with a special rubbing stone , so it will become almost soft and smooth .
- Clean-up the dust using a soft broom or an air-pressure .
- Apply one coat of water base BMA sealer ( white “SEW151” under the light colors of semi rubber emulsion , clear “SEW150” under the dark colors of semi rubber emulsion), using a brush or a roller , after diluting it with 25–50 % of water for the white sealer , or with 30–60 % of water for the sealer clear .

You can also use an air–spray gun for this application while diluting with 35–75 % of water for the sealer white , or with 35–85 % of water for the sealer clear .

- For the best results , especially while painting saloons and halls , it’s advisable to apply at least three layers of BMA water base putty , using a special spatula , and to wait at least 12 hours between each coat of putty and the following one , so it could totally dry . The putty is used as followed :

- if the wall is in a bad status , you should apply at least 2 layers of BMA extra fill putty (coarse putty) “PUW010”, then one layer of BMA ultra fine putty “PUW020” .

- if the wall is in a good status relatively , you should apply at least 1 layer of BMA extra fill putty (coarse putty) “PUW010”, then two layers of BMA ultra fine putty “PUW 020” .

- You should wait at least twelve hours too so the last layer of putty could totally dry before rubbing it with a rubbing paper 150–180 grit .
- Get rid of the obtained dust with the soft broom or the air-pressure , then apply one or two coats of water base sealer (SEW...) or undercoat [water base (UNW) or synthetic (UNS)] and let dry for at least 12 hours .
- Apply one coat of BMA semi rubber emulsion water base “PAD...” , called “checking layer”, because it helps to cover the surfaces those weren’t well covered by the putty , and which you could discover by “checking” the wall using a direct light .
- By the next day , rub the “checking layer “ with 180–220 grit rubbing paper and well clean the dust with a soft broom or an air-pressure .
- Finalize your project by applying 2 or 3 coats of BMA semi rubber emulsion “PAD...” , using a brush or a roller , after diluting it with 15–20 % of water , or using an air-spray gun after diluting with 20–25 % of water .

- **P.S.** : it’s advisable to softly rub the wall with a 220 grit sand paper before applying the last coat of BMA semi rubber emulsion water base .

### \*On an old pre-painted surface :

- Rub down the sound glossy surfaces with a fine waterproof abrasive paper , then rinse thoroughly before applying a pre-coat primer sealer or undercoat .
- Apply at least two coats of water base putty : one (or more) layer of extra fill putty PUW010 and one (or more) layer of ultra fine putty PUW020 , let them dry for at least 12 hours then rub them with a 150–180 grit rubbing paper .
- Follow the exact same next steps as on a new surface application .

- **P.S.** : if the pre–painted surface is in a good condition , and you want only to change its color or to clean it up with one or two coat(s) of paint , you can apply the semi rubber emulsion directly on any water base paint , or synthetic undercoat .

## DIRECTIONS FOR USE

### Instructions

- Mix well before use.
- The temperature of the paint should preferably be above 15 °C, otherwise extra tap water may be required to obtain application viscosity.
- Too much water, result in reducing sag resistance and opacity.
- Substrate temperature should be at least 10°C .
- Preferably relative humidity should not exceed 75%.
- Ready to be applied on a previous mortared cementitious walls, primed with water base putty and primed with sealer or undercoat .

### Dilution and cleaning - up

#### Brush or roller

Recommended solvent :tap water  
Percentage of solvent : 15-20%

#### Air - spray

Recommended solvent :tap water  
Percentage of solvent : 20-25% depending on application required viscosity .

#### Cleaning - up

Clean hands and tools immediately with tap water .

Clean spills right away with a damp cloth.

## SAFETY AND HEALTH

In case of eye contact treat any foreign body by flushing with large amounts of water .

For skin contact repeated exposure may cause skin dryness or cracking ;also it may cause allergic reaction.

For safety when applying it is advisable to wear hand gloves.

Keep out of the reach of children , do not use or store by hanging on a hook.

Lead to toxic exposure that cause serious damage for brain especially for children and pregnant women.

## SHIPPING

### Packing

US gallon- 19 L

### Storage Condition

Approximatively 12 months in sealed container under cool frost - free conditions . Protect from heat and direct sunlight.

### Limitations

This is a water base paint although care should be taken.

TDS-BMA-B4-b-13

