

**DESCRIPTION**

Acrylic latex super fine has a high performance because of its high quality acrylic resin which is ideal for hygiene conscious environments, and areas subjects to frequent cleaning and to relatively severe weathering.

**PRINCIPLE CHARACTERISTICS**

- Can be exposed to extreme mechanical loads, highly scrub-resistant.
- Particularly suitable when solvents are not permitted, because of health and safety reasons.
- Easy application by brush with excellent flow.
- Photo catalytic effect (test report): it converts noxious gases and odours into uncritical substances like carbon dioxide and water vapor.
- Anti-bacterial action.
- Resistant to disinfectants.
- Suitable for allergy sufferers (according to a test certification).
- No solvents added.
- Easy to touch-up.
- High opacity, hiding power, durability, gloss retention and weathering resistance.
- Resistant to fungal and mould, due to mineral alkaline nature (test certification).
- Cleanable with soapy water.
- Ideal for indoor and outdoor application.
- Applicable over any synthetic or water base undercoat, and over the water base textured coatings.
- Suitable for interior walls and ceilings in heavily used such as public buildings, hospitals, schools, offices, restaurants and food areas.

**MATERIAL CHARACTERISTICS****Org. content**

&lt;5%

**Specific density**approx.1.43 g/cm<sup>3</sup>**Theoretical spreading rate**10m<sup>2</sup>/ L**Overcoating interval**

12 hours

**Flash point**

Above 65 °C

**Viscosity**

15 poises

**Solid content**

43 %

**VOC Content**

0.05 – 0.7 % (by weight)

**Storage temperature**

10°C-35°C

**Shelf life**

12 months

**Full cure**

24 hours

**Colors and gloss level**

Matt - All colors are available upon BMA water base catalogue – any other color is available upon request

### \*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 acrylic super fine , clear “SEW150” under the dark colors of acrylic super fine ), 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 “PUW020” .
- You should wait at least 12 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 acrylic super fine water base “PAB...” , 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 coats of BMA acrylic super fine “PAB...” , 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 acrylic super fine 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 2 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 super fine directly on any water base paint , or synthetic undercoat .

## DIRECTION FOR USE

### Instrucions

- Atmospheric and substance temperature must not fall below +5°C .
- All the surfaces must be clean ,dry and free from grease ; remove any flaking paint .
- Avoid the inhalation of dust .

### Dilution and cleaning - up

#### BRUSH/ROLLER

Recommended solvent : Tap water

Percentage of solvent : 10 -15%

#### AIR SPRAY

Recommended solvent : Tap water

Percentage of solvent : 15 -20% depending on the required application viscosity.

#### CLEANING - UP

Clean hands and tools immediately with warm, soapy 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 especialy for children and pregnant women.

## SHIPPING

### Packing

US gallon - 19L

### 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-B5-A-13

