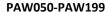
ENAMEL WATER BASE





DESCRIPTION

Water borne, acrylic base enamel having a high performance because of its very high quality acrylic resin water base, 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.
- Practicularly 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 suffers (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 AT 25°C

Org. content

<5%

Mass density

1.2 g /cm3 (white)

Recommended dry film

40 microns per coat

Theoretical spreading rate

10-12 m²/L for white

Touch dry after

1 hr. depending on temperature, humidity

Overcoating interval

12 hours at 25 °C

Flash point

Above 65 °C

Viscosity

12 poises

Solid content

21%-22%

VOC Content

0.05% - 0.7 %

Storage temperature

10°C-35°C

Shelf life

24 months

Colors and Gloss

Colors are available upon BMA catalogue (other colors upon request) - glossy

Full cure

At least 24 hours

*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 enamel , clear "SEW150" under the dark colors of enamel), 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 enamel water base "PAW...", 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 two coats of BMA enamel water base "PAW...", using a brush or a roller, after diluting it with $15-20\,\%$ of water, or using an airspray gun after diluting with $20-25\,\%$ of water.
- <u>P.S.</u>: it's advisable to softly rub the wall with a 220 grit sanding paper before applying the last coat of BMA enamel 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 enamel water base 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 : 20 -25% 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 especially for children and pregnant women.

<u>SHIPPING</u>

Packing	Storage Conditions	Limitations
US gallon - 19L	Approximatively 12 months in	This is a water base
	sealed container under cool frost - free conditions . Protect	paint although care should be taken.
	from heat and direct sunlight.	

