

Dulux Platinum BioCare Emulsion Paint H8128

Product Description

Dulux Platinum BioCare Emulsion Paint is an eco-friendly, high performance biobased paint made with corn and cassava, certified by USDA. Its formula is upgraded with new marine ingredient – diatoms, combined with natural active bamboo charcoal and anti-formaldehyde technology, effectively purify harmful air pollutants such as formaldehyde, benzene and other VOCs. Upgraded mould resistance and antibacterial function, with newly added damp-heat resistance, making it more suitable for Hong Kong humid weather, providing you and your family with more all-round upgrade protections.

Typical Uses

For use on new or previously painted interior masonry surface such as brickwork, plaster, cement and rendering.

Finish

Matt

Advantages

- USDA certified “Green source emulsion”, using corn and cassava to replace part of the petroleum-based raw material.
- New marine ingredient – diatoms, combined with natural active bamboo charcoal and anti-formaldehyde technology, effectively purify harmful air pollutants such as formaldehyde, benzene and other VOCs.
- Upgraded mould resistance[#] and antibacterial function (99.99% against 8 types of bacteria⁺), with newly added damp-heat resistance, making it more suitable for Hong Kong humid weather.
- Innovative “Additive-free formula”, promises no formaldehyde, benzene or other volatile organic compounds (VOCs) are added in the raw materials, product formulation and production process. Ensure the product is odourless, extremely low VOCs and environmentally safe!
- Obtained “GREENGUARD Gold Certification” and “French VOC Emission Class A+ Label”, which are the most stringent tests for Indoor Air Quality in the industry, making it suitable for sensitive individuals (such as children and the elderly).
- All-round functions include mould resistance, superb washability, water resistance, high opacity and covering hairline cracks.

[#] Passed tests according to GB/T 1741-2007 & HG/T 3950-2017 standard, and the ‘Accelerated tests for resistance to fungal and algal growth of paint (FIN.7 APPENDIX FIN 7/I) adopted by the Housing Department of the HKSAR Government’.

⁺ Including E.coli, S.aureus, Methicillin resistant S.aureus (MRSA), K.pneumoniae, P.aeruginosa, Salmonellosis, P.penneri and Candida albicans

Composition (Nominal)

Pigment : Non-lead pigment
 Binder : Acrylate Copolymer
 Solvent : Water
 Additives

Volume Solids

White 43% (Nominal), other colours will vary.

Drying Time

- Touch dry
- Recoat

Single coat at standard thickness (25°C, 50% R.H.)
 0.5-1 hour
 2-3 hours
 Drying times will vary depending on temperature and humidity.

Film Thickness

Wet Film : 80 µm, **Dry Film** : 34 µm

Colour Range

White & Colour Palette 5 colours

Pack Size

1L & 5L

Storage

Always store in cool & dry places and avoid freezing.

Theoretical Coverage

Theoretically 1 liter of this product can cover 13-16 sqm in one coat. Coverage will vary considerably depending on application methods and surface roughness & porosity.

Application



Thinning

- Brush or Roller
- Conventional Spray
- Airless Spray

Thin up to 20% water depend on different application methods & temperature. Do not over thin by adding more than 30% water.

For sealing new or bare surfaces thin with up to 1 part of clean water to 5-10 parts of paint (10-20%).

Add up to 1 part of clean water to 5 parts of paint (20%).

Ready for use.

Spray Recommendations

- Conventional Spray
- Airless Spray

Satisfactory through most equipment.

A typical set up for airless spray application would be a minimum working pressure on paint of 140 kg/cm² (2000 lb/sq inch) with a spray tip size 0.58mm (23 thou) and a spray tip angle 65°.

Cleaning Up

Clean all equipment with clean water immediately after use.

Surface Preparation

Surfaces must be thoroughly clean, dry and free from all loose dirt, chalk or powder. New surfaces such as plaster and concrete should be fully dry before painting, with moisture content less than 14% and pH value below 10.

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- New Wall

1. Fresh concrete must cure at least 30 days and meet application requirement before plastering.
2. The plaster must not be too soft. Sand and dust off after dry.
3. To resist alkalis and to obtain the best results, first apply 1 coat of **Dulux BioCare Eco-Sense All-in-1 Primer A931-65125**.

- Previously Painted Surface

1. Remove powdery or flaking paint by scraping followed by using a suitable abrasive paper and dusting off.
2. Fill the defects with proper filler.
3. To seal powdery surfaces and to obtain the best results, first apply 1 coat of **Dulux BioCare Eco-Sense All-in-1 Primer A931-65125**.

- Fungus Growth Wall

1. Remove all fungus by scraping followed by using a suitable abrasive paper and dusting off, or use **Ploycell Mould Killer**.
2. To resist alkalis and to obtain the best results, first apply 1 coat of **Dulux BioCare Eco-Sense All-in-1 Primer A931-65125**.

Notes for Use

1. Read the application instruction thoroughly before use.
2. Stir well before use.
3. Thin with clean water when necessary. Do not over dilute.
4. Do not hold too much paint on paint brush or roller.
5. Do not pour the diluted paint back to the original pack.
6. Recommend to use up opened paint quickly.

Typical Painting System

SURFACE	SYSTEM
Normal, Sound Surfaces	Primer: Dulux BioCare Eco-Sense All-in-1 Primer A931-65125 (1 Coat) Finish: Dulux Platinum BioCare Emulsion Paint H8128 (2 Coats)

Application Precautions

- Do not sand the final coat of paint. If sanding is done on the first coat of finish, ensure that the second coat of finish is applied evenly over the first.
- Apply above 10°C (surface temperature) in dry condition. Don Not apply when R.H. is 85% or above.
- When applying deep or bright colour, please control the dilution ratio within 5%. You will need to apply more coats than normal for opacity. (Please refer to Deep/Bright colour application guide.)

Safety, Health and Environmental Information

- Keep container tightly closed and out of the reach of children.
- A suitable cartridge mask should be worn when rubbing down.
- Ensure good ventilation during application and drying.
- Do not breathe vapour/spray.
- In case of insufficient ventilation during spraying, wear suitable respiratory equipment.
- All respiratory equipment must meet an appropriate (NOISH/MSHA) approved standard.
- Keep away from food, drink and animal feeding stuff.
- When applying paint, it is advisable to wear eye protection and suitable gloves.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Remove splashes from skin by using soap and water or a recognized skin cleaner.
- Care must be taken when transporting paint; keep container in a secure upright position.
- In the event of an accident, contain and collect spillage using sand or earth.
- Do not empty into drains or water courses.
- Dispose of any paint waste in accordance with appropriate local environmental regulations.
- Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.
- If swallowed, seek medical advice immediately and show this container or label.
- Contains no added lead and mercury.

(PLEASE REFER TO PRODUCT SAFETY DATA SHEET FROM DEALER AND REFER TO IT BEFORE USE.)

Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong: [Flat coatings]
VOC content (ready to use) = 8 gm/litre

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