Anti-collision Emulsion Paint







Anti-collision Emulsion Paint

Vanlei is accustomed to creating new products. Anti-collision emulsion paint is produced by selecting high-quality raw materials through innovative technological processes. We use highly saturated, high-quality resin to create a natural touch effect. Eggshell luster, soft and non-glaring, elegant and can increase the sense of space when painting. Hardness, scratch resistance. No fear of scratches and super durable for 20,000 washes, it is an ideal solution for home decoration.

01.*Main Ingredients*

Purified water, 100% acrylic resin, nano titanium dioxide, nano calcium carbonate powder

02.*Product Features*

A. Exquisite touch

B. Eggshell luster, soft and non-glaring

C. Ultra-low odor

D.Flexible breathability

E. Extreme toughness, elasticity without breaking

F. High hardness and scratch resistance

03.适用范围 / *Scope of application*

❌ Exterior walls are not applicable.

✅ Suitable for interior walls. Suitable for indoor walls and ceilings, especially suitable for spaces frequently used by children or pets such as children's rooms and playrooms, as well as commercial spaces.

04.*Complementary system*



✅ Anti-collision Emulsion Paint

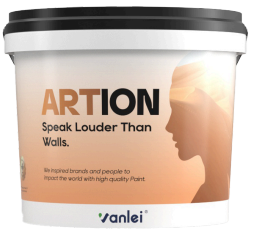


✅ Texture white primer



✅ Semi-gloss scratch resistant topcoat

05.*Technical parameters*

Material Properties	Solvent-free （water-based）
Dry film thickness	0.1-0.2mm
Drying time （surface drying）	2h<(25-27°C)
Drying time （hard）	>72h(25-27°C)
Coating layer	2 times
Service life	> 10 years
Paint color	Multicolour >
Storage	5-35°C， cool， dry
Net Weight	7.5kg
Package	
bucket size	24*24*22cm

✅ **参考用量 / *Reference Dosage*：**

Roller coating: 0.7-0.8kg/㎡/twice

Spraying: 0.4-0.5kg/㎡/twice

Vertical grain: 0.3-0.4kg/㎡/thick material once

✅ ***Tools*：** wool roller、polishing tools





✅ wool roller

✅ polishing tools

06.*Substrate requirements*

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① The cement mortar base surface needs to be maintained for more than 6 days, and the pH is less than 11 degrees

② Neutral putty can be applied directly after leveling, polishing and dust removal

③ The mortar base needs to be leveled and polished with putty powder, and the alkaline putty needs to be maintained for about 15 days

④ When renovating old walls, the base surface needs to be smooth and free of cracks, peeling, bulging, dust, oil and dirt

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07.*Construction method*



01.Roll on Texture Same Color Primer twice (up to 20% water can be added) to ensure even coverage. Allow 8–12 hours to dry completely.



02.Roll on the first coat of Anti-collision Emulsion Paint (up to 5% water can be added). Allow 12–24 hours to dry completely.



03.Roll on the second coat of Anti-collision Emulsion Paint (up to 5% water can be added). Allow 12–24 hours to dry completely.



04.Lightly sand with 320-grit sandpaper and clean away all dust.



05.Roll on Semi-gloss Scratch Resistant Topcoat twice (up to 15%–20% water can be added) to ensure even coverage. It can be used after drying for 8–12 hours.

08.*Shelf life*

24 months in a dry state at room temperature (at the time of original shipment)

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09. *Implementation Standard*

GB 18582-2020 Limit of harmful substances of architectural wall coatings

10. *Environmental commitment*

This product does not add any heavy metals and other harmful substances, does not exceed the latest national standards for the limit of harmful substances in interior decoration materials, and is fully in line with the technical requirements of China's environmental products.

11. *Precautions*

1、Read the construction instructions of the package before use to get reliable and satisfactory painting effect.

2、The color on the screen may be different from the actual paint.

3、Temperature lower than 5°C, relative humidity greater than 85 % can not be constructed.

4、Colour difference may exist between different batches of the same model.

5、Different bases will (possibly) make a difference in color.

6、Materials that have been mixed with water should be used within 24 hours.

12. *Technical support*

For assistance, please consult Wanlei (0757-81760676).

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