

Microcement



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Vanlei Microcement is a decorative coating composed of a cement base and polymer materials. It offers exceptional flexibility and outstanding adhesion, making it suitable for various horizontal and vertical surfaces, both external and internal. It comes in three different grain sizes: coarse sand, medium sand, and fine sand, catering to various construction applications. As part of the micro-cement application system, the powder should be mixed with a micro-emulsion in the recommended proportions.



01. Main Ingredients

Silicate special cement, quartz sand, inorganic pigments, nano calcium carbonate powder, titanium dioxide

02. Product Features



A. Excellent flexibility



B. Class A fire rating



C. High compressive strength



D. Excellent water resistance



E. Excellent stain resistance



F. High strength adhesion

03.Scope of application



Suitable for interior/exterior walls. Suitable for walls, floors and ceilings, it has no seams for easy cleaning and maintenance.

04.配套体系 / Complementary system



Microcement



Emulsion



Primer



Sealer



Topcoat



Microcement curing agent

05. Technical parameters

Material Properties	Powder coating
Dry film thickness	1-1.5mm
Drying time (surface drying)	<2h(25-27°C)
Drying time (hard)	>72h(25-27°C)
Coating layer	4 times
Service life	> 10 years
Paint color	Multicolour
Storage	5-35°C, cool, dry
Net Weight	Coarse (medium) : 16kg, fine: 10kg
Package	
bucket size	

✓ **Reference Dosage** : Coarse sand: 1.5-2kg/m²

Medium sand: 1-1.2kg/m²

Fine sand: 0.7-0.8kg/m² (2 times)

✓ **Tools** : finishing trowel, wool roller, polishing tools



✓ finishing
trowel

✓ wool roller

✓ polishing
tools

06. Substrate requirements

- ① The base layer should be flat, clean, free of oil, hollow, and have good strength before construction
- ② Renovation of old walls: level the base, remove loose surface parts, clean dust, grease and other impurities before construction.

07. Construction method



01.Roll the primer once, after drying, hang the net and roll the primer



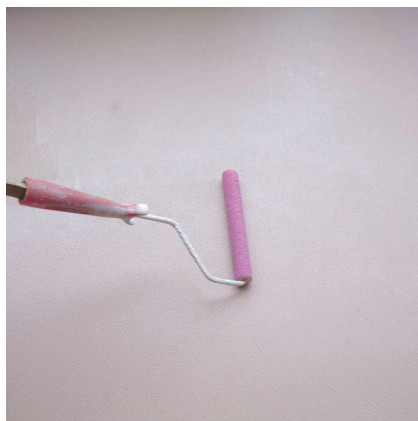
02.Scrape twice with coarse sand, with an interval of 24 hours between the two times, and smooth it with 180-grit sandpaper after drying



03.Scrape twice with medium (fine) sand. In this step, you can make the texture you want. There is an interval of 24 hours between the two times. After drying, sand it with 180-grit sandpaper to increase the feel



04.Roll on the Sealer once and cover evenly



05. Roller coating of topcoat twice, with an interval of 24 hours between the two coats

08. *Shelf life*

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

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、 Please effectively separate, cover and shield the area of wood products and walls.
- 3、 Temperature lower than 10 °C, relative humidity greater than 80 % can not be constructed.
- 4、 Colour difference may exist between different batches of the same model.

12. *Technical support*

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



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