

Microwall - Water Based



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Microcement is a decorative coating composed of silicate cement, additives, and mineral pigments.

It is an inorganic, original-ecology product with a cement-based main binder, embodying the minimalist and natural aesthetic of modern architecture. More and more architects around the world are adopting this antique craft, believing it to be a kind of noble simplicity — seemingly plain, yet more artistic in effect than even the most lavish splendor.



01. Main Ingredients

Silicate specialty cement, quartz sand, acrylic resin, titanium dioxide

02. Product Features



A. 无需混合，直接使用

No mixing required, use directly



B. 高强度，耐磨损

High strength, wear-resistant



C. 防水防潮，适用湿润环境

Waterproof and moisture-proof, suitable for humid environments



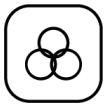
D. 良好的附着力，易于施工

Good adhesion, easy to apply



E. 耐腐蚀，抗化学侵蚀

Corrosion-resistant, resistant to chemical attack



F. 优异的抗压抗折性能

Excellent compressive and flexural strength

03.Scope of application



Suitable for both interior and exterior walls, it is seamless, making it easy to clean and maintain.

04.Complementary system



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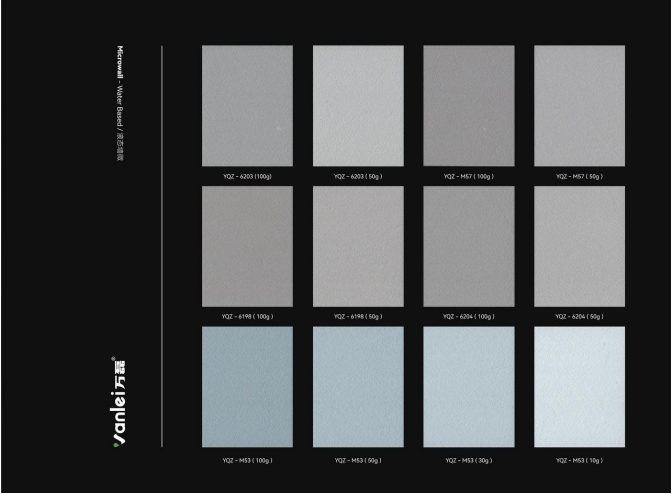


Primer



Semi-gloss scratch resistant topcoat

05. Technical parameters

Material Properties	Solvent-free （water-based）
Dry film thickness	1-1.5mm
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	25kg
Package	
bucket size	31*31*36cm



Reference Dosage : Coarse sand 0.6-0.8m²/kg, medium sand 0.8-1m²/kg, fine sand: 1.6-1.8m²/kg

✓ **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.
- ③ The substrate must be completely dry and free of dust and salt. If necessary, refurbish or reinforce the surface using specific products.

07. Construction method

01. Apply MicroPrimer 1-2 coats (you can add 20-25% water), with an interval of 6-8 hours between coats.
02. Apply the first coat of Microwall - Water Based (5% water can be added), and wait 6-8 hours to dry
03. Sand the surface with 320# sandpaper until smooth, then remove the dust
04. Apply the second coat of Microwall - Water Based (5% water can be added). Before it dries, smooth it and finish the surface with a finishing trowel. Wait 24 hours to dry
05. Roll on Semi-gloss scratch resistant topcoat twice (15-20% water can be added), with an 8-12 hour interval between 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.
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12.Technical support

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



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