

Mold-resistant and water-resistant skimcoat

YHWall-610 Base

Description

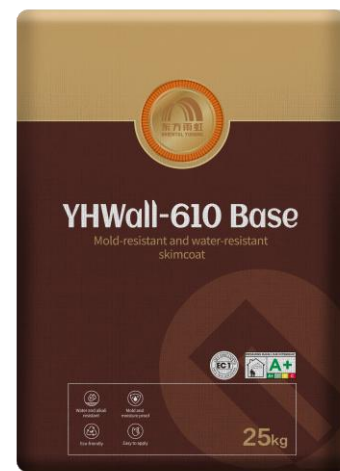
YHWall-610 Base is a cement-based mortar for filling and leveling of concrete surfaces. YHWall-610 Base consists of white cement, finely crushed white marble and high-grade sand with consistent quality and composition, modified with alkali-resistant additives. It delivers a smooth and even finish on walls, ceilings, and other surfaces.

Features & Benefits

- Delivering smooth and even finish on walls, ceilings, and other surfaces
- Waterproof and alkali resistant
- Mold-resistant and moisture-proof
- Higher durability and flexibility
- Quick drying and easy application
- Adjustable mortar thickness to minimize waste
- Non-combustible substance
- No cracking when applied to an appropriate thickness and properly cured
- Easy mixing, requiring only water
- High adhesion
- Environmentally friendly

Uses

- YHWall-610 Base can be applied for leveling of interior walls and roofs of buildings.
- YHWall-610 Base offers a rapid and cost-effective solution for leveling uneven substrates like concrete, aerated concrete, hollow block walls, and lightweight blocks.
- It must not be used on painted surfaces.



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Packing and Specifications

Item	Description
Composition	White Portland cement, selected aggregates and admixtures
Product Color	White powder Mixture: Off-white
Density	1.20–1.35kg/L
Maximum Grain Size	0.4 mm
Packaging	25kg/bag
Shelf life	12 months from date of production

Typical Properties and Characteristics

Description	Test Methods	Values
Tensile Adhesion Strength	EN 1015-12:2016	0.5 N/mm
Adhesion Pull-off Strength	EN 1542:1999	0.4 N/mm

Application Information

Item	Description
Mixing ratio	6-7 L water per 25 kg bag
Materials consumption	1.2–1.3 kg/m ² /mm * Dry powder * This serves as only a guideline. On-site testing is highly recommended to ascertain the precise coverage.
Layer thickness	2–3 mm
Ambient air temperature	+5 °C to +35 °C.
Substrate temperature	+5 °C to +35 °C.

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Application Method

Substrate treatment

Ensure that the substrate is firm, clean, dry, and free from contaminants such as dirt, oil, grease, old paint, and loose materials.

Mixing

Slowly add the powder to the water in a clean container and mix them using a low-speed mixer until a uniform lump-free consistency is achieved. Mixing duration: 3–5 minutes.

Application

YHWall-610 Base can be applied manually using a steel shovel or trowel. Then smooth the coating to achieve a level surface using a steel trowel. Ensure that the applied coating has hardened before application of subsequent coats. Preventive measures against rapid drying must be taken for direct application under sunlight and windy conditions.

Cleaning of tools

Clean all tools and application equipment with water immediately after use. Hardened or cured material can only be removed mechanically.

Transportation & Storage

The product should be stored in a cool and dry place. When the temperature is lower than 5°C, thermal insulation measures should be taken. Unopened products have a shelf life of 6 months when stored at normal temperatures between 5°C and 35°C.

The product is composed of non-flammable and non-explosive materials and can be transported as a general cargo. During transportation, the product should be prevented from exposure to rain, freezing, extrusion, and collision, and the package must be kept intact.

Precautions

The temperature during application should range from 5°C to 35°C. Outdoor application is prohibited in windy, rainy or snowy weather.

The prepared mortar should be used up within 2 hours, and it is strictly prohibited to add water again during application.

It is strictly prohibited to add excessive water or other materials during preparation.

The powder that has not been used up after opening should be sealed and stored properly.

The product contains alkaline substances such as cement, which may cause skin allergy. Necessary protective measures should be taken during use. In the case of accidental contact with eyes, rinse immediately with water and seek medical attention if discomfort persists.

Basis of Product Data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Ecology, Health and Safety

Users shall refer to the latest Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data for information and advice on safe handling, storage and disposal of chemicals.

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Local Restrictions

The performance of this product may vary from country to country due to specific local regulations. For an exact description of the field of application, please refer to your local Product Data Sheet.

Legal Notes

This information, especially the recommendations related to the application and final use of Oriental Yuhong's products, is provided based on Oriental Yuhong's current knowledge and experience of the products when stored, handled, and applied properly in accordance with Oriental Yuhong's recommendations under normal conditions. In practice, the differences in materials, substrates, and actual site conditions make it impossible to infer any guarantee of merchantability or suitability for a specific application from this information, any written suggestions, or any other advice provided, nor can any liability arise from any legal relationship. The user of the product must test the product's suitability for the intended application and purpose. Oriental Yuhong reserves the right to change the characteristics of its products. Ownership of third parties must be observed. All orders are subject to our current Terms of Sale and Delivery. Users must always refer to the latest issue of local Product Data Sheet for the products concerned, copies of which will be provided upon request. The above disclaimer may need to be tailored to specific local laws and regulations.