M10 WHITE MARBLE DRY MIX PLASTER

ZERO VOC, FAST AND EASY APPLICATION, ANTI-CRACK AND POWDER

USES





1. Interior and exterior walls
2. Ceilings
3. Offices and residential renovation projects
4. Wall cladding and decorative wall finishes
5. Architectural and ornamental surface finishes

FEATURES

1. Inorganic white marble-based dry mix plaster
2. One-step wall finishing system; no need for grey cement render, skim coat, sealer, putty and paint
3. High whiteness; suitable as a final decorative surface
4. Waterproof and suitable for damp tropical environments
5. Naturally mould and bacteria resistant
6. Efflorescence-free mineral composition
7. Environmentally friendly; benzene and formaldehyde-free, zero VOC and odour after curing
8. Fire-proof Grade A
9. Strong adhesion and reduced risk of hollowing, cracking, peeling and powdering
10. Can be finished in different decorative textures directly during trowelling



RANGE OF TEXTURES AND COLOURS AVAILABLE

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CERT NO.: 2015-0644
ISO 14001 : 2015

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APPLICATION METHOD

SURFACE PREPARATION

1. Remove dust, loose particles, oil, grease and weak surface material.
2. Moisten the wall surface before application to prevent the dry wall from absorbing moisture too quickly from the mortar.
3. Do not apply on surfaces with visible standing water.
4. Avoid application on excessively hot surfaces or under direct strong sunlight.
5. For hot weather or peak afternoon application, control the moisture level carefully to prevent rapid drying and poor workability.

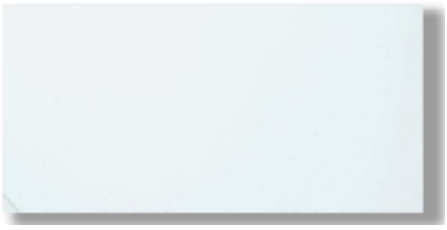
MIXING

1. Mix dry mortar with clean water.
2. Standard ratio: 1 ton of mortar to 270 kg of water.
3. Mix until a consistent, workable plaster paste is formed.
4. Use the mixed mortar promptly after mixing.
5. **Do not re-temper hardened or thickened mortar with water once it has started to set.**

APPLICATION

1. Apply 2 layers of coarse plaster (M10C) to level the wall surface.
2. Apply 1 layer of fine plaster(M10F) to achieve the final finish.
3. Finish by trowelling, polishing, or creating the desired decorative texture while the material is workable.
4. **Recommended application process reduces the traditional multi-layer wall finishing system into a shorter 1-2 day method.**

TYPES OF FINISHES THAT CAN BE ACHIEVED



IMITATION PORCELAIN



CRYSTALCRAFT



BARKCRAFT



EMBOSSING



BRUSH COATING



SPRAY COATING

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TECHNICAL DATA

Product Type	Inorganic white dry mix mortar /
Main Composition	White cement, white marble sand, fillers, additives
Whiteness	Super Grade 90%, Class A 88%
Water Retention Rate	88%
Setting Time	3–12 hours
2-Hour Consistency Loss Rate	<30%
14-Day Tensile Bond Strength	>0.2 MPa
28-Day Compressive Strength	>10 MPa for M10
28-Day Shrinkage	<0.2%
Frost Resistance Strength Loss Rate	<25%
Frost Resistance Mass Loss	<5%
Colour	White base; other colours available
Coverage	M10 Coarse: 0.2 m² / kg / 3 mm thk M10 Fine: 0.2 m² / kg / 3 mm thk M10 White: 0.6 m² / kg / 1 mm thk

PACKING

1 kg 25 kg



M10 Coarse M10 Fine M10 White

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TRADITIONAL PLASTERING V.S. MINGYAN INORGANIC WHITE MARBLE PLASTER

	Traditional Grey Mortar + Paint	MINGYAN Inorganic White Marble Plaster
Timeline	Around 14+ days with multiple curing stages	Around 1–2 days depending on site condition
Process	Primer, render, skim coat, sealer, putty, paint	2 coarse coats + 1 fine coat
Surface Finish	Requires paint or coating	White mineral finish can be final surface
Health Profile	Possible VOC, odour, formaldehyde risk from paint systems	Zero VOC, zero odour, benzene-free, formaldehyde-free
Tropical Resistance	Risk of peeling, mould, efflorescence, and dampness issues	Waterproof, mould resistant, efflorescence-free
Fire Resistance	Depends on coating system	Inorganic, fire-proof Grade A
Durability	Paint layer may degrade over time	Mineral-based, long-lasting colour and surface

Disclaimer:

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