



Product Catalogue

www.nafexoman.com

Our Story

Nafex is driven by a commitment to 'excellence without boundaries.' We strive to infuse quality and reliability into every aspect of our operations. As a diversified enterprise, each segment of our business reflects this dedication.

Our clients are the cornerstone of our remarkable growth. They inspire us to aim higher and push our limits. Their needs are at the heart of our focus, and we channel all our efforts to meet and exceed their expectations.

At Nafex, we prioritise delivering tailored, client-focused solutions across all our product lines.

Our unwavering attention to detail—whether in sourcing raw materials, manufacturing processes, or customer service—sets a new benchmark for quality. This approach ensures the success of every project and fulfils the unique demands of our clients.



Range of Products



Gypsum Powder
(Moulding Plaster)



Plastero - Stucco
(Gypsum Board Plaster)



Plastero Ultra
- One Coat Plaster



Plastero
-NX Plaster



AgroNafex
(Agricultural Gypsum)



Pure Gypsum



Nafex Gypsum

One Coat Plaster

Nafex Gypsum Powder is ideal for renovations, repairs, and crafting elegant cornices and decorative elements. It delivers durable, chip-resistant finishes that enhance indoor aesthetics. As a premium product, it complies with global standards and serves as an excellent choice for wall plastering & bonding gypsum boards or other gypsum-based items.

SPECIFICATION

Color	: White
Initial setting time	: 6 - 9 min
Final setting time	: 15 - 25 min
Water stucco ratio	: 70 - 75 %
Free water content	: 0.20%
Combained water content	: 4.80%
Calcium Carbonate	: 0.08-0.09%
Silica Oxide	: <0.53%
Flexural Strength	: 5 N/mm2 after 7 days
Compressive Strength	: 12N/mm2 after 7 days
Sodium Chloride Contents	: 0.01-0.02%
Iron Oxide (Fe2O3)	: <0.05%
Fineness	: 200p & 150p sieve pass: 96%
CaSO4.1/2H2O	: >90

Pure Gypsum

Nafex sources high-purity (>90%) natural gypsum from its mining operations and processes it at our advanced facility in Salalah, Oman. With a production capacity of 100,000 MT/month, we offer sizes ranging from 0 to 200 mesh. Available in 1-ton jumbo bags and 25 kg bags, our pure gypsum is distributed to international markets.

Uses

- ☒ Cement Factory
- ☒ Agriculture Gypsum
- ☒ Plaster of paris
- ☒ Gypsum Boards
- ☒ Gypsum Block
- ☒ Gypsum Adhesive Compound

Specifications	Test Results
Calcium Oxide (CaO)	29.95
Magnesium Oxide (MgO)	0.52
Silica (SiO2)	0.30
Aluminium Oxide (Al2O3)	0.03
Iron Oxide (Fe2O3)	0.04
Sulphate (SO3)	43.50
Purity (CaSO4 2H2O)	93.4
Crystal Water	19.55
Soluble Chlorides (Na Cl)	0.01
Moisture	0.32
Ph (1:2.5 Ratio)	6.58
Size	As per Customer demand



AgroNafex

AgroNafex is a time-tested soil enhancer used for over 250 years. As a moderately soluble source of calcium and sulfur, it boosts plant growth and improves soil structure. By adding soluble calcium, it mitigates the dispersive effects of magnesium or sodium ions, promoting soil flocculation. AgroNafex enhances crop yields, reduces subsoil acidity, and counters high levels of exchangeable aluminum (Al³⁺). Its 200 times greater solubility than lime ensures effective calcium and sulfur delivery to soil profiles, improving root growth and reducing water stress.

Calcium Oxide	CaO	32.10%
Magnesium Oxide	MgO	1.13%
Silica	SiO ₂	0.25%
Aluminium Oxide	Al ₂ O ₃	0.02%
Iron Oxide	Fe ₂ O ₃	0.04%
Sulphate	SO ₃	45.01%
Purity	CaSO ₄ 2H ₂ O	90.1%
Crystal Water		18.85%
Chloride	Cl (Na Cl)	0.009%
Moisture		0.50%
Fineness		70-200 Mesh



- ✔ Spread AgroNafex over lawns or gardens using a spreader; no soil incorporation needed.
- ✔ For gardens, mix with compost or organic matter and water immediately after application.
- ✔ Farmers can apply it to topsoil before planting, after harvest, or on hay fields post-cutting.

Plastero-Stucco

Gypsum Board Plaster

Plastero is a top-tier gypsum plaster crafted through a rigorous manufacturing process using Oman’s finest 100% natural gypsum. Carefully processed to remove unwanted crustal water, it ensures exceptional quality under strict supervision. The result is a gypsum powder (also known as POP or Stucco) with unmatched whiteness, 90% purity, and 93% passing at 100 microns. Plastero is used to produce various drywall products, including regular, moisture-resistant, fire-resistant, and dual-resistant gypsum boards.

PARAMETERS	UNIT	SPECIFICATION
Color	-	White/Snow white
Free Water	5	0.0-1
Combined Water	%	4.0-6.0
Initial Setting	Min	3.0-6.0
Final Setting Time	Min	10.0-15.0
Water Gypsum Ratio	-	70-75
100 Mesh Sieves Passing	%	90.95
80 Mesh Sieves Passing	%	>95
Purity Of Gypsum	%	>88
Types Of Gypsum	-	Natural

Plastero Ultra

One Coat Plaster

Plastero Ultra is a groundbreaking one-coat plaster developed by Nafex, leveraging advanced expertise. Made from premium gypsum ore with less than 7% impurities, it offers exceptional qualities like reduced weight, wider coverage, and superior performance. This innovative product sets a new standard in the plaster industry, exclusively offered by Nafex.

- ✓ Ultra super-finish
- ✓ Good thermal resistance.
- ✓ Great bonding with surface
- ✓ Economical
- ✓ Excellent strength after drying

Surface Preparation

- Ensure the surface is free from dust, oil, and impurities.
- Perform hacking on walls or apply Plastero bond as an alternative (follow the bond application instructions).
- Verify the wall is vertical and smooth, removing any undulations.
- Clean the surface with water and allow it to dry before plaster application.

Application Procedure

- Add gypsum plaster to water (70% water-to-gypsum ratio), not vice versa, and mix until homogeneous.
- Apply plaster to the wall, troweling progressively for a smooth finish.
- Maintain a thickness of 10-15 mm.
- Protect the finished surface from prolonged moisture exposure to prevent strength loss.
- Apply paint only after the surface is fully dry.

- ✓ Low thermal conductivity helps to save electricity
- ✓ Better, smoother & consistent finish
- ✓ Ready to paint surface achieved.
- ✓ Gradual setting time
- ✓ Lightweight & Longer Life span
- ✓ No water curing is required.
- ✓ No shrinkage cracks.



Technical Specification

- Colour: White
- Water/Plaster ratio: 70-75 %
- Initial Setting Time: 12-14 min
- Final Setting Time: 20-25 min
- $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$: More than 92%
- Silica Oxide: Less than 0.53%
- Calcium Carbonate: 0.08-0.09%
- Iron Oxide (Fe_2O_3): Less than 0.05%
- 100-micron sieve pass - 100%
- Flexural Strength: Up to 3 N/mm² after seven days
- Compressive Strength 9 N/mm² after seven days
- Fineness: 200 micron sieve pass - 100%,
- Stability: Up to 750 °C without cracking
- Sodium Chloride Content (NaCl) : 0.01-0.02%



Plastero-NX Plaster

Plastero Ultra is a groundbreaking one-coat plaster developed by Nafex, leveraging advanced expertise. Made from premium gypsum ore with less than 7% impurities, it offers exceptional qualities like reduced weight, wider coverage, and superior performance. This innovative product sets a new standard in the plaster industry, exclusively offered by Nafex.

- ✓ No shrinkage cracks.
- ✓ No water curing is required.
- ✓ Compressive strength: 60-70 Kg/cm²
- ✓ A better, smoother, and more consistent finish.

Surface Preparation

- Remove dust, oil, and impurities from the surface.
- Allow concrete to cure fully.
- Wet and dry the surface to control suction.
- Ensure the surface is smooth and vertical, correcting any irregularities.
- Apply clean water 10 minutes prior to plastering.

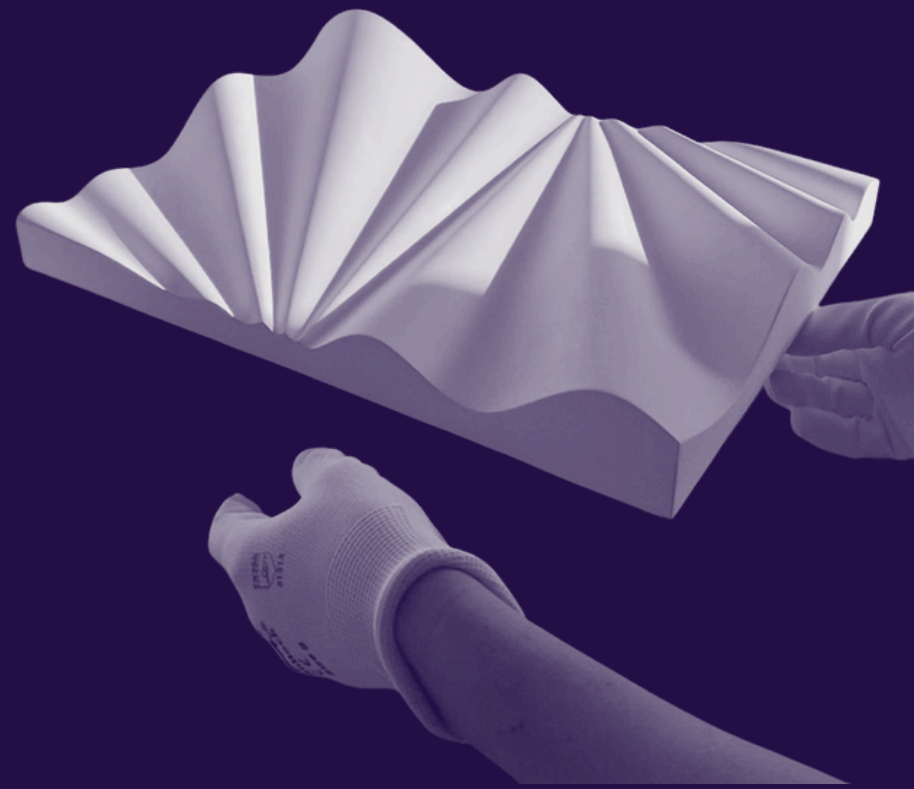
Application Procedure

- Add 25 kg of plaster to 15-17 liters of water and mix until uniform.
- Use clean tools to apply plaster with firm pressure, flattening as it sets.
- Trowel progressively for a smooth finish.
- Maintain a thickness of 15 mm.
- Shield the surface from continuous moisture to preserve strength.
- Paint only after complete drying.

- ✓ Direct application on brick block, RCC, and other surfaces.
- ✓ Spreads and finishes to a minimum thickness increasing the carpet area.
- ✓ Time-saving (reduces plastering time by 70% as compared to traditional plaster).
- ✓ Lesser dead load on the structure as it is lightweight plaster.
- ✓ Spreads and finishes to a minimum thickness increasing the carpet area.
- ✓ Low thermal conductivity helps to save electricity

Other Specification

- Colour of finished surface: Off White
- Bulk Density: 1020 Kg/m
- Setting time: 30-35 mins
- Coverage of 25 Kg. bag at 13 mm
- Thickness: 20-21 sq. ft





صنع في عُمان
Made in OMAN



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