



Products' Catalogue

Arab Union For Gypsum Factory

For the manufacture of gypsum
and gypsum building products



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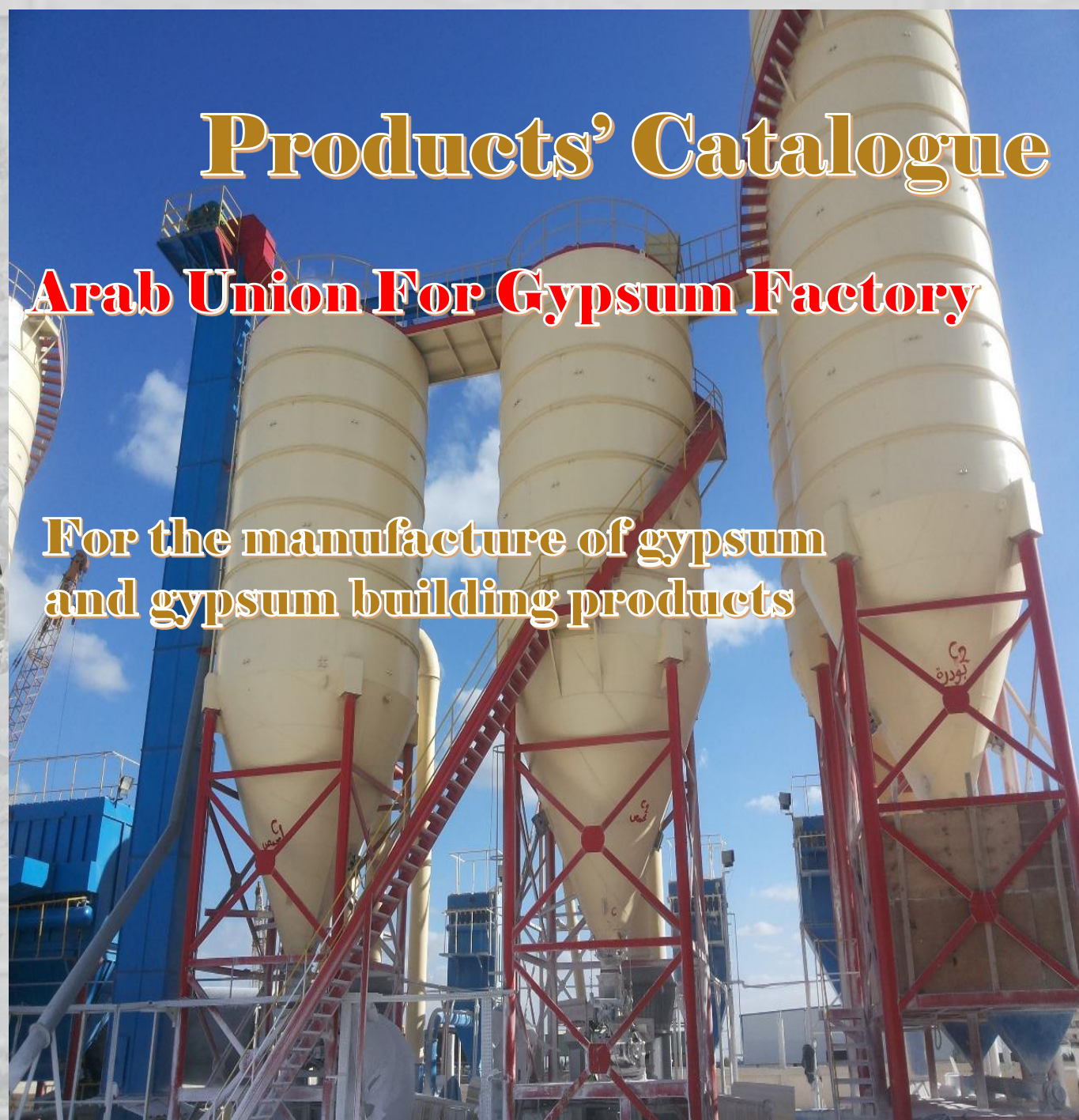
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Gypsum Products



El Etihad Gypsum



Uses

It has the following uses:

- Final layer for conch roofs (sand and cement).
- Used in the manufacture of cornices and interiors.

Features

- Mix manually or mechanically.
- Bright whiteness and high quality.
- Manufactured using the latest technological methods and international quality standards.

Description

A high-quality sucker gypsum composed of a slightly thick layer of beta-hemihydrate gypsum, suitable for traditional construction uses and used for manual application.

Purity of hemihydrate	> 92%
Water ratio	70 - 80% of product mass
Initial setting time	4 - 7 mins
Final setting time	15 - 20 mins

Baraqan Plaster



Uses

- Final layer for conch roofs (sand and cement).
- Used in the manufacture of cornices and interiors.
- It is included in internal uses only, conch works and finishings.

Features

- Mix manually or mechanically.
- Mixed on site by manual and mechanical mixing
- Bright white.
- High quality.
- Manufactured using the latest technological methods and international quality standards.

Description

It is a fast-forming plaster, used for manual application.

Purity of hemihydrate	> 90%
Water ratio	70 – 80% of product mass
Initial setting time	3 - 5 mins
Final setting time	12 - 15 mins

Alfa Gypsum



Uses

The following uses:

- Finishing layer for conch roofs (sand and cement).
- Used in the manufacture of cornices and interiors.
- Installation of various types of marble.
- Maintenance purposes of various buildings.
- For internal uses only.

Features

- Ultra-white.
- High softness.
- Very stiff.

Description

It is a high-quality hemihydrate gypsum that is mixed manually or mechanically and used for manual application only.

Purity of hemihydrate

> 90%

Water ratio

70 – 80% of product mass

Initial setting time

2.3 - 3 mins

Final setting time

8 - 12 mins

Aqrab Gypsum



Uses

- Used in conch and finishing works.
- Cladding works.
- Marble installation.

Features

- Fast hardening.
- Very stiff.

Description

Gypsum is used for interior finishes and restorations.

مصنع جبس الاتحاد

Purity of hemihydrate

85 - 90%

Water ratio

70 – 80% of product mass

Initial setting time

4 - 6 mins

Final setting time

16 - 18 mins

MC



Uses

Used in:

- Manufacture of casting molds.
- Manufacture of porcelain, porcelain and sanitary ware.

Features

- Used for mechanical mixing.
- Manufactured using the latest technological methods and international quality standards.

Description

It is a high-quality industrial casting gypsum used in the manufacture of casting molds in various markets for the manufacture of sanitary ware, porcelain.

Purity of hemihydrate > 92%

Water ratio 70% of product mass

Setting time As customer need

Medical Stucco plaster



Uses

It is used for medical purposes and the manufacture of bandages.

Description

It is a gypsum used for medical purposes and bandages.

Purity of hemihydrate	> 94%
Water ratio	70% of product mass
Initial setting time	2.3 - 3 mins
Final setting time	8 - 10 mins

Building Material Products



Alfa Fill



Water ratio	50 – 60% of product mass
Working time	40 mins
Setting time	50 – 60 mins
Coverage	60 m ² /ton by 2 cm thickness

Uses

The surfaces on which the product is used are shown as follows:

- Cement bricks.
- Red brick.
- White carbon brick.
- All uneven walls.

Features

- It does not require any additives rather than water.
- Use the tool for manual application.
- Suitable for various surfaces.
- It gives high strength and roughness to the surface.
- Concrete mortar does not impose any additional loads on buildings compared to traditional mortar (cement and sand).
- Apply more than one layer per day.
- It is characterized by high and record per capita rates.
- Save effort, time and money.
- Possibility of finishing it immediately after it is completely dry.

Description

It is a dry shell mortar in powder form only, and it can be operated manually or mechanically.

Alfa Mortar



Uses

It can be applied to any of the following layers:

- Traditional mortar (sand and cement).
- Alpha fill layer.

Features

- Mixed manually or mechanically.
- After the drying stage, no cracks or breaks occur.
- It does not require any additives other than water.
- After mixing with water, it produces a homogeneous mortar ready to be applied to rough surfaces.
- Smooth surfaces to a flat initial surface.
- High and standard spread rates.
- After complete drying, it does not leave any trace of any cracks or welds in the joints.
- Achieving a flat, white, strong and very tough surface.

Description

It is a dry preliminary finishing and smoothing mortar in powder form. After mixing with water, it produces a homogeneous mortar that is ready for manual application on rough surfaces to prepare the surfaces to a level initial surface.

Water ratio	60 – 70% of product mass
Working time	40 mins
Setting time	60 – 70 mins
Coverage	900 m ² /ton by 1 mm thickness

Alfa Top



Uses

Suitable for application to:

- Layers of Alpha Mortar and gives a highly smooth surface.
- Smooth concrete surfaces.
- Traditional plastering (cement and sand) to treat prominent defects.

Features

- Homogeneous mortar that comes in powder form only and is ready for application without any additives other than water.
- It is used to treat defects in traditional mortar (cement and sand) or smooth concrete.
- After drying, it gives a firm and smooth layer.
- High ability to adhere to all building surfaces.
- High and standard spread rates.
- After finishing, it does not leave any traces of any welds or cracks in the joints.
- It can be painted on its surface directly after sealing it with a water-based sealer suitable for the paint layer.

Description

It is a final finishing mortar in the form of a white powder, ready for application after adding the recommended water standard, suitable for final finishing on the surface of Alpha Mortar, treating defects of traditional mortar (cement and sand) or smooth concrete.

Water ratio	(70 ± 5)% of product mass
Working time	45 - 50 mins
Setting time	60 – 70 mins
Coverage	1500 m ² /ton by 1 mm thickness

Borg Mortar 3x1



Water ratio
Working time
Setting time
Coverage

60 – 70% of product mass
45 mins
75 mins
100 m²/ton by 10 mm
thickness

Uses

It is used for applications on all walls as follows:

- Red brick.
- Cement bricks.
- White block.
- Ordinary concrete walls.
- Concrete fronts.

Features

- It comes in powder form only and does not require any additives other than water.
- Light in weight, quick to prepare and easy to use.
- A mixture of high-quality building materials and additives.
- Fire resistant, thermal and sound insulating.
- It gives a crack-free layer.
- Environmentally Friendly.
- After drying, the surfaces are suitable for operation.
- Processed to give ease of use and control of hardening times.
- Hardening takes place within a few hours.

Description

It is a ready-made, highly processed mortar formula in the form of a white powder. It is used as a single product. It consists of 3 types in one bag 3 x 1.

Borgitto Plaster 150



Water ratio	60 – 70% of product mass
Working time	60 - 70 mins
Setting time	2 – 2.5 hrs
Coverage	1500 m ² /ton by 1 mm thickness

Uses

- To get a flat surface of shell mortar (sand and cement).
- Cast concrete.
- Application over layers of Alpha Mortar.
- It is considered a major product for internal uses depending on the thickness used.
- Used on all surfaces (shell - smooth concrete - gypsum boards).

Features

- It comes in powder form only and does not require any additives other than water.
- Produced on site through manual and mechanical mixing.
- High ability to fill cracks.
- Gives a smooth, high-white surface.
- High-quality wall foundation and high-quality finishes.
- It gives high productivity and more personal space for the user.
- Easy to prepare, high hardness and scratch resistance.
- The thickness of the applied layer can reach 5 mm, and the thickness of the application can be 3 mm per layer.

Description

It is a high-quality plaster suitable for finishing, priming and surface decoration.

Borg Skim



Water ratio	50 – 60% of product mass
Working time	40 - 50 mins
Setting time	120 mins
Coverage	1.25 m ² /ton by 1 mm thickness

Uses

- Thin-thick braiding works.
- Covering the surfaces of the cement and soft concrete conch.

Features

- Used as a layer of multiple thicknesses.
- It does not result in any cracks.
- Gives a smooth surface that is resistant to scratches.
- Used in interior works.
- High moisture resistance.
- Accepts various paint works.
- Gives a high white surface when dry.
- Gives a hard surface.
- High softness.
- Thicknesses can be applied from 1 mm up to more than 5 mm.

Description

It is a high-quality mortar. It is a mixture of high-quality building materials and additives to control the hardening time, smooth the surface, and resist scratches and moisture.

Alfa Decor



Water ratio

50 – 55% of product mass, 2 Kg/Lit

Working time

25 mins

Setting time

60 mins

Coverage

1.35 m²/ton by 1 mm thickness

Uses

Used for covering and finishing the following surfaces:

- Roofs and walls.
- Application on cement and soft concrete surface conch.
- Suitable for interior work.

Features

- Very stiff.
- Very white.
- Easy to use.
- Gives high productivity over traditional methods.
- High moisture resistance.
- Accepts different sots of paints.
- Best coverage and treatment of surface defects.
- Gives a smooth scratch-resistant surface.
- Used in interior works.
- Can be used from 1 mm up to the largest thickness 5 mm.

Description

It is a loudness mortar with an advanced formula of a mixture of high-quality building materials and additives mechanically blended and machine-packed to proven and tested standards.

Borg Fix

It is a high-quality mixture used as a cement-based ceramic adhesive with high stresses, in addition to additives to improve texture, stresses and ease of use.

Uses

- Swimming pools.
- Water tanks.
- Kitchens and bathrooms.
- Gluing and fixing all kinds of ceramics, mosaics, natural stone, porcelain and marble.

Adhesive for ceramics on walls and floors.

Features

- Very high adhesion strength.
- Resistant to moisture, water and heat.
- With a firm texture.
- Easy to use.
- Conformed to European specifications EN12004 C2.

- Very high adhesion strength.
- Resistant to moisture, water and heat.
- Slip-resistant.
- Easy to use.
- Conformed to European specifications EN12004C.

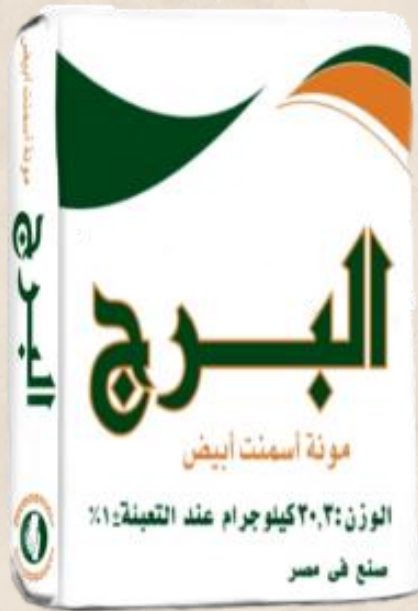
Specifications

Water ratio	25 - 30% of product mass
Initial setting time	4 - 6 hrs
Final setting time	24 hrs
Coverage	2.5 : 3.5 kg/m ² by 3 mm thickness

Water ratio	25 - 30% of product mass
Initial setting time	2 - 4 hrs
Final setting time	20 hrs
Coverage	3.5 kg/m ² by 3 mm thickness



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Uses

- Included in all uses except in foundation and reinforced concrete works.
- Marble and ceramic finishing.
- All restoration works.
- Glued mortar and paste suitable for marble.
- Finishing and decoration contracting.
- Works for ceramic welds and tiles.

Features

- It comes in the form of powder only and does not need to add any substances other than water.
- High softness.
- Bright white.
- The coefficient of expansion is low.

Description

It is a white cement mortar with high softness.

It is recommended to retest after 6 weeks from the date of packing.

Water ratio

50% of product mass

Density

750 - 850 kg/m³

Compression resistance

After 28 days not less than 32.5 N



Thank you

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