



Certificates of Standard

Technical Certificates of products from Road, Housing, and Urban Development Research Center

Green Industry Certificate and Commendation



The first and only holder of the certificate for Consumer Rights Protection in gypsum industry 2013 – 2014

The industrial entity and the superior entrepreneur of the year 2014







Getting to know Sepid Gatch Saveh A brief history of Sepid Gatch Saveh

Sepid Gatch Saveh, privately held company, was registered in Tehran on June 14th, 1982, and started production of machine gypsum plaster at a capacity of 500 metric tons per day, on factory site at Ghargabad, Saveh, due to high-quality and rich gypsum quarries in that region. The top quality products were shortly distributed in 40 and 50 kilogram bags and in bulk in several regions of Iran, including: Markazi province, Kermanshah province, Kurdistan province, Hamadan province, and southern parts of the country. Management foresight, High-quality products, and relentless efforts of the staff then paved the way for the company to secure a considerable market share in Tehran and Qazvin provinces as well.

The growth experienced by the construction and housing industry, leading to an increase in demand, encouraged Sepid Gatch Saveh to further its capacity and diversify its product range on different occasions.

• Daily capacity increase for machine plaster from 500 MT to 1000 MT In 1996

• Daily capacity increase for machine plaster from 1000 MT to 2000 MT In 2001

Considering the environmental pollution that plagues the machine plaster industry, and in order to best preserve the natural resources and the ecosystem on which our own very sustenance is dependent, In 2001 Sepid Gatch Saveh, relying only on its own financial resources, procured an electric filtration unit from LURGI, Germany, and applied the company's expert human resources to implement a filtration sequence that not only heavily restricted environmental pollution, but also won Sepid Gatch Saveh the title of "Green Industry" from the Iranian Department of Environment, and the "Industrial entity of the year" from the Mining and Industry administration of Markazi province.

Today, Sepid Gatch Saveh, working at a capacity of exceeding 2500 metric tons of a range of gypsum plasters and plaster products, is considered the leading figure of machine plaster and plaster accessories industry. A status demanding the company to constantly research and employ cutting edge technologies and developments of leading industrial nations and thus drive this industry in Iran.

Another milestone for Sepid Gatch Saveh has been the deployment of a production line for 7 and 8 centimeter thick, normal and waterproof Gypsum Blocks in 2012, using German technology of molding by GERLACH. A product, whose ease of access and deployment, heralds lower costs of construction.

The management behind Sepid Gatch Saveh, with a vision of national development, invested on deploying a production line for Micronized Plaster which took place over 2014 and 2015 and started production in spring 2015.

It's noteworthy that the managing echelon of Sepid Gatch Saveh believes in relying on domestic technologies and products, and finds a strong faith in domestic products and capabilities often leads to economic growth and social maturity. And this very vision has been the drive behind employing all domestic manufacturers and service providers in the Micronized Plaster line project.



Gypsum quarries for Sepid Gatch Saveh, and Bolour Saveh plaster, with over %95 purity







Sepid Gatch Saveh, employing cutting-edge technology from around the world and in accordance with Iranian national standards and certificates from Road, Housing, and Urban Development Research Center, has developed a wide range of products.

To achieve this, the company has established a Mixing Plant in which Gypsum-based supplemented products are produced under the brand GYPSIN; including: Spray Plaster, Siva Plaster, Saten (finishing Plaster), Gypton (Concrete coat plaster), Foam-Gyps (Foam coat plaster), Diamond (painting putty), and Joint Filler (Gap filler putty). And also cement-based supplemented products under the brand, CEMIMEX; including: Spray Cement, Tile Adhesive, Grout Powder, Saten White Portland Cement, Hebelex Adhesive, and Concrete Repair. Through introduction of new and high-quality products and creating more and more job opportunities, Sepid Gatch Saveh hopes to take a strong step towards the development of Gypsum industry and our beloved Iran.





SEPID GATCH SAVEH

The Answer to your trust





Talaei Plaster Gypsum plaster for interior

Initial setting time	7 - 12 minutes
Secondary setting time	20 - 25 minutes
Coarse particles retained	Less than %3
on 500 micron sieve	



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Super Talaei Plaster

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Microized Decorative Gypsum Specially developed for plaster ornaments

Initial setting time	5 - 7 minutes
Secondary setting time	15 - 20 minutes
Coarse particles retained	Less than %1

on 200 micron sieve





Sepid Gatch Saveh factory- Gypsum block plant



Technical certificate from Road, Housing, and Urban Development Research Center

Technical specification

Load strength	15	N/mm²
Bending strength	5	N/mm²
Impact strength	102	Kg/cm²
Heat transfer during fire	0.027	w/m².k
Acoustic insulation	35	db
Heat transfer coefficient (with 4 to 5 % water content)	0.35	w/m.k

Waterproof Gypsum Blocks | Normal Gypsum Blocks

Each 3 pieces equals 1 square meter Block thickness of 7 & 8 centimeters Each block measuring 50 x 66.6 centimeters

Light-weight, Easy and quick installation, Economical, Increasing effective surface area due to easy installation of piping and wiring.



Mortar for Gypsum Blocks 1 kilogram for 1 square meter of Gypsum Block wall

Sepid Gatch Saveh with a daily capacity of 2500 (MT)

14



Gel-Gatch (Clay-plaster)

Prepared composition of gypsum plaster and clay for the underlying rough-coat

Initial setting time	7 - 9 minutes
Secondary setting time	19 - 20 minutes
Coarse particles retained	Less than %8
on 1200 micron sieve	



Gypsum-based supplemented dry mortars

GYPS



Shot

Gypsum plaster, sprayable by pump, for 1 and 2 layer coats, with high speed application and little waste, waterproof, good sound and heat insulation.

Initial setting time	90 minutes
Secondary setting time	180 minutes
Consumption on every square meter of surface	9 Kilograms (thickness = 10 mm)



Spray plaster suitable for all concrete, brick, clay block, Siporex, and other surfaces. Applicable in 1 or 2 layers using a spray pump. Especially smooth or water absorbent surfaces may need prior treatment.

Instructions for preparation and use:

Use screeds as guides on sides and corners to level the wall surface. Spray plaster evenly between level strips from 10 to 15 centimeters away. Screed the surface twice at appropriate intervals. Use a sponge or rubber float to level the surface. Use a finishing (steel) trowel to reach a smooth finish.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. On dissimilar surfaces webbing mesh should be applied. Working surface should not be overly damp or dry. Working surface should not be under direct sunlight or heavy draft.

Technical specification:

To reach a thickness of over 25mm, the coat is recommended to be sprayed in several layers.

The spray pump consumes 6 to 7 liters of water for 10 Kg of plaster.

Minimum thickness should not be less than 8mm.

This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:





Siva

Gypsum plaster, with high setting time suitable for manual application on a variety of surfaces. Waterproof, with good sound and heat insulation.

Initial setting time	60 minutes
Final setting time	130 minutes
Consumption on every square meter of surface	8 to 8.5 Kilograms (thickness = 10mm)



Siva plaster is suitable for all concrete, brick, clay block, Siporex and other surfaces. Especially smooth or water absorbent surfaces may need prior treatment.

Instructions for preparation and use:

Use screeds as guides on sides and corners to level the wall surface. Add 10 Kg of this product to 5.5 to 6 liters of water in a thoroughly cleaned container. Wait 2 to 3 minutes for the plaster to completely soak and then stir with a (low rpm) electric mixer until a homogenous plaster is achieved.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. On dissimilar surfaces webbing mesh should be applied. Working surface should not be overly damp or dry. Working surface should not be under direct sunlight or heavy draft

Technical specification:

Consumption for every square meter of surface coat, with a thickness of 10mm is 8 to 8.5 Kg. Initial setting time is 60 minutes.

Final setting time is 130 minutes. Minimum thickness should not be less than 8mm This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:





Saten

Gypsum plaster suitable for finishing plastered surfaces.

Initial setting time	70 minutes
Final setting time	120 minutes
Consumption on every square meter of surface	1 to 2 Kilograms (thickness = 2 mm)



Saten plaster can be used to lay a final finishing layer on top of plastered walls, Gypsum Blocks or Gypsum boards.

The resulting surface is especially smooth.

Instructions for preparation and use:

Add 10 Kg of this product to 6.5 to 7 liters of water in a thoroughly cleaned container. Wait 2 to 3 minutes for the plaster to completely soak and then stir with a (low rpm) electric mixer until a perfectly homogenous plaster is achieved.

Important notes

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. Working surface should not be overly damp or dry. Working surface should not be under direct sunlight or heavy draft. Any impurity in water may affect quality and setting time.

Technical specification:

Consumption for every square meter of surface coat with a thickness of 2 mm is 1 to 2 Kg. Initial setting time is 70 minutes. Final setting time is 120 minutes.

This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:



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Foamgyps

Gypsum plaster, especially suitable for covering foam surfaces. Resistant to cracking and hides beam marks on ceilings.

Initial setting time	12 - 15 minutes
Final setting time	30 - 35 minutes
Consumption on every square meter of surface	3 Kilograms (thickness = 3mm)



FoamGyps plaster is used to cover foam surfaces in order to prevent cracks and reduce ceiling marks caused by roof beams. This product has a finer gradation than normal plaster and a longer setting time which gives the workman ample time to work with it towards a finer finish.

Instructions for preparation and use:

Add 10 Kg of this product to 7.5 to 8 liters of water in a thoroughly cleaned container. Wait 2 to 3 minutes for the plaster to completely soak and then stir with a (low rpm) electric mixer until a homogenous plaster is achieved.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. Working surface should not be overly damp or dry. Working surface should not be under direct sunlight or heavy draft.

Technical specification:

Consumption for every square meter of surface coat, with a thickness of 3mm is 3 Kg. Initial setting time is 12 to 15 minutes. Final setting time is 30 to 35 minutes.

This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:





Gypton

Gypsum plaster specially developed for concrete surfaces, With high surface adhesion

Initial setting time	12 - 15 minutes
Secondary setting time	30 - 35 minutes
Consumption on every square meter of surface	3 Kilograms (thickness = 3mm)



Gypton plaster is intended as a finish for smooth concrete surfaces and with a finer (particle) gradation than normal plaster, has a longer setting time which provides the workman with ample time to work with the plaster towards an elegant finish.

Instructions for preparation and use:

Add 10 Kg of this product to 7.5 to 8 liters of water in a thoroughly cleaned container. Wait 2 to 3 minutes for the plaster to completely soak and then stir with a (low rpm) electric mixer until a homogenous plaster is achieved.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. Working surface should not be overly damp or dry. Working surface should not be under direct sunlight or heavy draft.

Technical specification:

Consumption for every square meter of surface coat with a thickness of 3mm is 3 Kg. Initial setting time is 12 to 15 minutes. Final setting time is 30 to 35 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:

The product is packed in 30 Kg, ADSTAR bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.

Safety and hygiene:

In case of contact with eyes, rinse immediately with plenty of water. Use of gloves and face mask while plastering is recommended.





Joint Filler (Filler putty) Gypsum plaster, suitable for filling the gaps between Drywalls and Gypsum-boards

Initial setting time	50 minutes
Secondary setting time	80 - 90 minutes
Consumption on every square meter of surface	2 Kilograms (thickness = 2mm)



This is a supplemented gypsum plaster product suitable for filling the gaps between gypsum-boards and drywalls and covering screw heads and nails.

Instructions for preparation and use:

To prepare the filler putty, mix 5 Kg of the powder with 3 liters of water as instructed below:

Fill a clean and size appropriate bucket with water and sprinkle the powder slowly on top.

Let the powder to soak the water for 2 to 3 minutes until a paste is formed.

Mix the putty with a low rpm mechanical mixer until a perfectly homogenous mixture is achieved.

Apply a thin layer of putty to the gap with a taping knife.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. All tools and containers should be thoroughly cleaned. Working surface should not be under direct sunlight or heavy draft. Any impurity in water may affect quality and setting time.

Technical specification:

Optimum working time once mixed is 40 to 50 minutes. Final setting time is 80 to 90 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:



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Diamond (Painting putty)

Gypsum plaster, suitable for quick preparation of surfaces for painting, while reducing paint consumption.

Initial setting time	120 minutes
Secondary setting time	240 minutes
Consumption on 40	5 Kilograms
square meters of surface	



This product is a replacement for Mel powder and is applied to plastered walls or plaster coated sheets like drywalls or gypsum-boards to achieve a smooth finish before painting or wallpapering.

Instructions for preparation and use:

To prepare Diamond painter's putty, mix 5 Kg of the powder with 3 liters of water as instructed below:

Fill a clean and size appropriate bucket with water and sprinkle the powder slowly on top.

Let the powder to soak the water for 2 to 3 minutes until a paste is formed. Mix the putty using a putty knife until a perfectly homogenous mixture is achieved. Apply a thin layer of putty to the surface with a taping or putty knife.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. All tools and containers should be thoroughly cleaned. Working surface should not be under direct sunlight or heavy draft. Any impurity in water may affect quality and setting time.

Technical specification:

Each 5 Kg bucket coats 40 square meters of surface. Initial setting time is 120 minutes. Final setting time is 240 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:

The product is packed in 5 Kg plastic buckets. Buckets should be stored at a dry place safe from any moisture. No more than 8 buckets should be stacked on each other.



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Cement-based supplemented dry mortar mix.





Spray Cement

Highly water resistant cement, sprayable by pump, for 1 and 2 layer coats.

Optimum working time	60 - 120 minutes
Bending and compressive strength	$\geq 1^{N}/_{mm}^{2}$, $\geq 4^{N}/_{mm}^{2}$
Consumption on every square meter of surface	13 Kilograms



Spray Cement is suitable and can be applied to all concrete, brick, clay block, Siporex, 3D Panel, and other surfaces in 1 or 2 layers, using a spray pump. Especially smooth or water absorbent surfaces may need prior treatment. Surfaces exposed to heavy rain are recommended to be coated with this product.

Instructions for preparation and use:

Use screeds as guides on sides and corners to level the wall surface. Spray mortar evenly between level strips from 10 to 20 centimeters away. Screed the surface twice at appropriate intervals. Use a sponge or rubber float to level the surface. If a thickness of over 2.5 cm is needed, coating should be applied in multiple layers.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives should be used. Working surface should not be overly damp or dry. On dissimilar surfaces webbing mesh should be applied. Working surface should not be under direct sunlight or heavy draft.

Technical specification:

Consumption for every square meter of surface coat is 13 Kg. Optimum working time once mixed is 60 to 120 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:



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ightarro



Concrete Repair

Highly water resistant cement-based product suitable for restoring damaged concrete and cement surfaces.

Optimum working time	30 - 45 minutes
Bending and compressive strength	$\geq 1^{N}/_{mm}^{2}$, $\geq 4^{N}/_{mm}$
Consumption on every square meter of surface	14 Kilograms



Concrete Repair can be applied to all concrete and cement surfaces and structures. Surfaces exposed to heavy rain are recommended to be coated with this product.

Instructions for preparation and use:

Add 10 Kg of Concrete Repair to 2.5 - 3 liters of water and mix using a manual or a low rpm power mixer. Let the mixture soak for 2 to 3 minutes for optimum water absorption and then stir for another 1 to 2 minutes until mortar is ready for use.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives like cement or lime should be used. Working surface should not be overly damp or dry. On dissimilar surfaces webbing mesh should be applied. If a thickness of over 2 cm is needed, coating should be applied in multiple layers.

Technical specification:

Consumption for every square meter of surface coat, with a thickness of 1 cm is 14 Kg. Optimum working time once mixed is 30 to 45 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 6 month after production and can be used up to 6 days after the bag is opened.

Packaging:

The product is packed in 25 Kg, paper bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.

Safety and hygiene:

In case of contact with eyes, rinse immediately with plenty of water. Use of gloves and face mask while working is recommended.



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Saten White Portland Cement Finishing layer White Portland Cement for a smooth cement surface

Optimum working time	90 minutes
Bending and compressive strength	$\geq 3^{N}/_{mm}^{2}, \geq 10^{N}/_{mm}^{2}$
Consumption on every square meter of surface	1.5 to 2.5 Kilograms



Saten White Portland Cement is used to give cement coated surfaces a smooth finish.

Instructions for preparation and use:

Add 10 Kg of Saten White Portland Cement to 2.5 - 3 liters of water and mix using a manual or a low rpm power mixer. Let the mixture soak for 3 to 5 minutes for optimum water absorption and then stir for another 1 to 2 minutes until mortar is ready for use.

Important notes:

Not to be applied in temperatures under 5°c. No additives should be used. Working surface has to be cleaned of any stain, dust, oil, etc. Working surface should not be overly damp or dry.

Technical specification:

Each bag coats 15 square meters of surface. This product has a fire rating of A1 according to international standards. Expiration date is 12 month after production and can be used up to 6 days after the bag is opened.

Packaging:

The product is packed in 20 Kg, paper bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.





Tile Adhesive

Adhesive suitable for installation of all natural and artificial wall and flooring panels, both indoors and outdoors.

Optimum working time	15-30 minutes
Bending and compressive strength	$\geq 0.5^{\text{N}}/_{\text{mm}}^{2}$, $\geq 0.5^{\text{N}}/_{\text{mm}}^{2}$
Consumption on every square meter of surface	3 to 5 Kilograms



Tile Adhesive is a powder used to make a strong mortar for installation of all stone panels and ceramic tiles, both artificial and natural, on walls and floors, inside or outside buildings.

Instructions for preparation and use:

Add 10 Kg Tile Adhesive to 2.5 – 3 liters of water and mix using a manual or a low rpm power mixer. Let the mixture soak for 3 to 5 minutes for optimum water absorption and then stir for another 1 to 2 minutes until a homogenous mortar is ready for use. Apply the mortar using a serrated trowel on flat surfaces. The teeth size on the serrated trowel should be appropriate to the size of tiles and panels.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives should be used. Working surface should not be overly damp or dry. Adhesive is to be applied once the underlying surface is completely dried.

Technical specification:

Consumption for every square meter of surface coat is 3 to 5 Kg. Optimum working time once mixed is 15 to 30 minutes. This product has a fire rating of A1 according to international standards. Expiration date is 12 month after production.

Packaging:

The product is packed in 20 Kg, paper bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.





Grout Powder

Grout mix suitable for all natural, artificial or faux flooring and wall tiles and panels.

Optimum working time	30 - 40 minutes
Bending and compressive strength	$\geq 3^{N}/_{mm}^{2}$, $\geq 10^{N}/_{mm}^{2}$
Consumption on every square meter of surface	0.5 Kilograms



This grout powder is suitable for filling all small or medium size gaps of 1 to 6 millimeters between all natural and artificial ceramic and stone tiles.

Instructions for preparation and use:

Add 10 Kg of Grout Powder to 3.5 – 3.8 liters of water and mix using a (low rpm) power mixer until a paste is formed. Let the mixture soak for 3 to 5 minutes for optimum water absorption and then stir for another 1 to 2 minutes until a homogenous grout is achieved.

Important notes:

Not to be applied in temperatures under 5°c. Working surface has to be cleaned of any stain, dust, oil, etc. No additives should be used. Working surface should not be overly damp or dry. Clean the grout surface with a wet sponge after 15 to 30 minutes.

Technical specification:

Consumption on every square meter of surface for 3 mm thick gaps is 0.5 Kg. Optimum working time once mixed is 90 minutes. It gets 24 hours for the grout to dry enough to walk on. This product has a fire rating of A1 according to international standards. Expiration date is 12 month after production.

Packaging:

The product is packed in 5 and 20 Kg, paper bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.

Safety and hygiene:

In case of contact with eyes, rinse immediately with plenty of water. Use of gloves and face mask while working is recommended.





Hebelex Adhesive

Adhesive suitable for installation of all light weight aerated concrete blocks (AAC & CLC)

Optimum working time once applied to blocks	5 - 10 minutes
Initial set time	150 minutes
Bending and compressive strength	$\geq 1^{N}/_{mm}^{2} \geq 5^{N}/_{mm}^{2}$
Adhesion strength	≥ 0.5 ^N / _{mm} ²



HEBELEX Adhesive is used as a ready-made mortar for installation of all types of light weight aerated concrete blocks such as AAC and CLC.

Instructions for preparation and use:

Add 10 Kg Hebelex Adhesive to 2.5 - 3 liters of water and mix using a manual or a low rpm power mixer. Let the mixture soak for 2 to 4 minutes for optimum water absorption and then stir for another 1 to 2 minutes until a homogenous mortar is ready for use. Apply the mortar with a constant thickness using a serrated trowel.

Important notes:

Not to be applied in temperatures under 5°c. No additives should be used. Working surface has to be cleaned of any stain, dust, oil, etc. Working surface should not be overly damp or dry.

Technical specification:

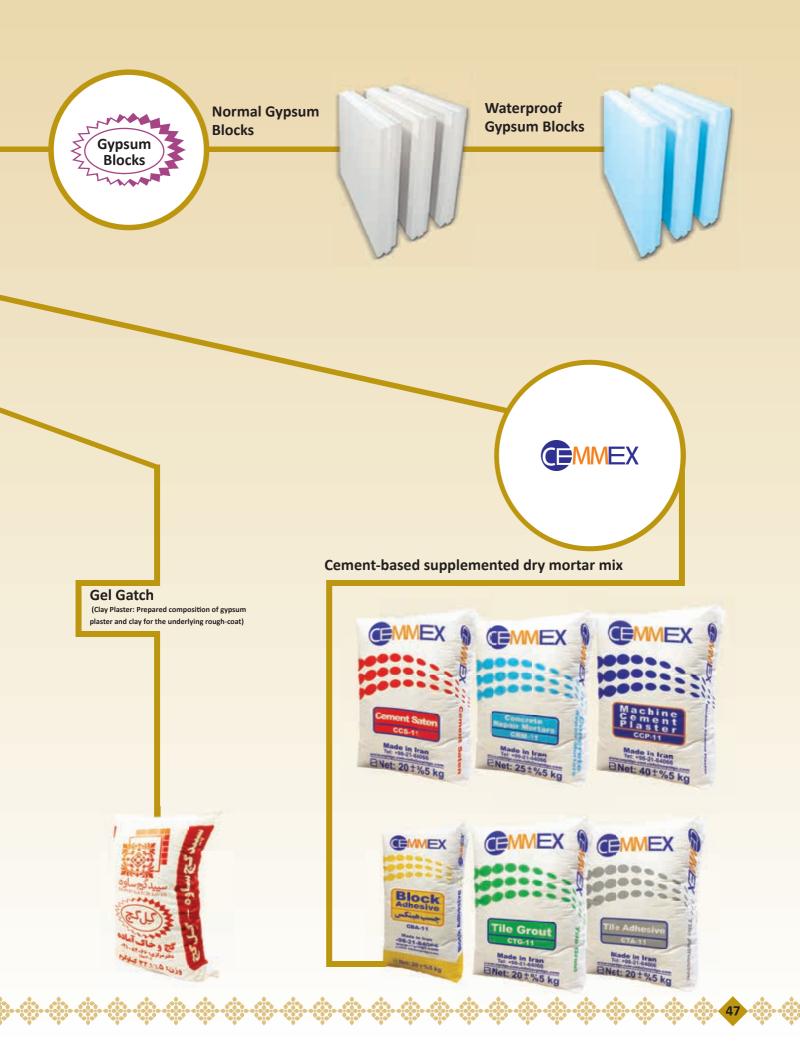
Consumption for $20 \times 20 \times 50$ blocks is 5-8 Kg. Consumption for $20 \times 20 \times 70$ blocks is 5-7 Kg. Consumption for $30 \times 15 \times 50$ blocks is 3-5 Kg. Consumption for $30 \times 15 \times 70$ blocks is 3-4 Kg. Consumption for $30 \times 20 \times 50$ blocks is 4-6 Kg. Consumption for $30 \times 20 \times 70$ blocks is 4-6 Kg.

Packaging:

The product is packed in 20 Kg, paper bags. Bags should be stored at a dry place safe from any moisture. No more than 9 bags should be stacked on each other.

























SEPID GATCH SAVEH

The answer to your trust

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