



GYPⁱⁿ
جیپسین

محصولات افزودنی دار با پایه گچی

سپید گچ ساوه
ساوه طلایی
SEPID GATCH SAVEH

محصولات گچی

CI-MEX
سیمکس

محصولات افزودنی دار با پایه سیمانی

Product Name: Machine gypsum plaster (shot)							
Description: light weight polymerized ready gypsum plaster applicable by spray machines							
Technical data							
Product code: GI1001	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	* /%		*	White/90%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					1.18 mm	1.5	0
					0.5 mm	*	8
					0.2 mm	*	13
	3	Working time	INSO 12015-1	Minutes		≥ 50	120
	4	Bending strength	INSO 12015-1	Mpa		≥ 1	1.5
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 2	3.5
	6	adhesion	INSO 12015-1	Mpa		≥ 0.1	0.21
	7	Surface hardness	INSO 12015-1	Kg/cm³		*	2.8
8	density	INSO 12015-1	Kg/m³		*	950	
9	Electrical conductivity coefficient	INSO 12015-1	W/m)°K(		*	0.3	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the B1 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for Internal coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste, little need to move between floors, high execution speed.
- Applicable by gypsum spraying machine.
- High strength
- Ready to use and no need of adding any additives

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
10 Kg	3 m ²	99 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: light weight gypsum plaster (Sive)							
Description: light weight polymerized ready gypsum plaster applicable by hand.							
Technical data							
Product code: GI1002	item	features	Test method	unit	Standard values	Typical result	
	1	color	Visual/color meter	* /%	*	White/90%	
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					1.18 mm	1.5	1
					0.5 mm	*	11
					0.2 mm	*	14
					0.1 mm	*	29
	3	Working time	INSO 12015-1	Minutes	≥ 50	120	
	4	Bending strength	INSO 12015-1	Mpa	≥ 1	1.7	
	5	Compressive Strength	INSO 12015-1	Mpa	≥ 2	3.5	
	6	adhesion	INSO 12015-1	Mpa	≥ 0.1	0.21	
	7	Surface hardness	INSO 12015-1	Kg/cm³	*	2.7	
	8	density	INSO 12015-1	Kg/m³	*	870	
9	Electrical conductivity coefficient	INSO 12015-1	W/m)°K(	*	0.28		

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the B1 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for Internal coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste.
- High strength.
- Ready to use and no need of adding any additives.

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
9.5 Kg	3.15 m ²	105 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: micronized high extended setting time gypsum plaster (Saten)							
Description: polymerized high extended setting time gypsum plaster.							
Technical data							
Product code: GI1003	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/92%
	2	fineness	INSO 12015-1	Residue on sieve (max)	0.1 mm	*	0
	3	Working time	INSO 12015-1	Minutes		≥ 20	180
	4	Bending strength	INSO 12015-1	Mpa		≥ 1	2.1
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 2	4.7
	6	adhesion	INSO 12015-1	Mpa		≥ 0.1	0.21
	7	Surface hardness	INSO 12015-1	Kg/cm³		*	2.7
	8	density	INSO 12015-1	Kg/m³		*	1100

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the C6 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299
- Can be applied on all kinds surfaces coated by cement or gypsum.
- Suitable for final coating (finishing) of Internal areas of all types of building areas, such as residential, commercial, hospital, etc.
- Very little waste.
- High strength.

consumption table (thickness of implementation 1 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
1.3 Kg	23 m ²	766 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Gypton								
Description: polymerized gypsum plaster with high adhesion on concrete surfaces.								
Technical data								
	Product code: GI1004	item	features	Test method	unit	Standard values	Typical result	
		1	color	Visual/color meter	*/%	*	White/90%	
		2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
						1.18 mm	1.5	0.2
						0.5 mm	*	3.2
						0.2 mm	*	6.2
		3	Working time	INSO 12015-1	Minutes	≥ 20	27	
		4	Bending strength	INSO 12015-1	Mpa	≥ 2	3.5	
		5	Compressive Strength	INSO 12015-1	Mpa	≥ 6	6.5	
		6	adhesion	INSO 12015-1	Mpa	≥ 0.1	0.25	
		7	Surface hardness	INSO 12015-1	Kg/cm ³	≥ 2.5	2.7	
	8	density	INSO 12015-1	Kg/m ³	*	1070		

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the B7 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Designed to be applied on concrete surfaces directly.
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for Internal coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste.
- High strength.

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
12 Kg	2.5 m ²	83 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Joint filler							
Description: Gypsum coating for plasterboard joint sealing							
Technical data							
	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/90%
	2	fineness	INSO 12807	Residue on sieve (max)	0.315 mm	0	0
					0.2 mm	1	0
	3	Working time	INSO 12807	Minutes		≥ 20	45
	4	adhesion	INSO 12807	Mpa		≥ 0.25	0.36
	5	density	INSO 12807	Kg/m³		*	1100

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12807 in the B3 category and compatible with the international standard EN13963.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Neutral PH.
- High coverage rate.
- Very little waste.
- High strength and adhesion.
- Excellent working time.

consumption rate

- For the structure of internal walls, 800 to 1200 grams per square meter
- For the structure of false ceilings, 400-500 grams per square meter
- For covering walls, 400 to 500 grams per square meter

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Super gold plus							
Description: ultra fine and micronized gypsum plaster							
Technical data							
Product code: GI1006	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/88%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.15 mm	0	0
					0.5 mm	0	0
					0.35 mm	*	0
					0.15 mm	*	0.1
					0.075 mm	*	1.5
	3	Initial setting time	INSO 12015-1	Minutes		7-12	10
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	25
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	9.5
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	4
8	density	INSO 12015-1	Kg/m³		*	1050	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A2 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for final coating (finishing) and decorative purposes.
- Proper setting time
- High strength
- High adhesion
- Ultra fine

consumption table (thickness of implementation 1 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
1.25 Kg	20 m ²	800 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Diamond wall putty							
Description: gypsum-based wall putty							
Technical data							
Product code: GI1007	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/90%
	2	fineness	INSO 12015-1	Residue on sieve (max)	0.2 mm	*	0
					0.1 mm	0	0
	3	Working time	INSO 12015-1	Minutes		≥ 20	250
	4	Bending strength	INSO 12015-1	Mpa		≥ 1	1.7
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 2	3.5
	6	adhesion	INSO 12015-1	Mpa		*	0.28
	7	Surface hardness	INSO 12015-1	Kg/cm³		*	3.1
8	density	INSO 12015-1	Kg/m³		*	1050	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the C7 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299
- Suitable for preparing surfaces before painting
- Suitable for all kinds of oil, plastic and acrylic paints
- High adhesion, strength, and surface hardness
- Very little waste.
- Excellent working time.
- Ultra fine

consumption table (thickness of implementation 1 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
1.1 Kg	4.5 m ²	910 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Machine cement plaster							
Description: light weight polymerized ready mix cement plaster applicable by spray machines							
Technical data							
	item	features	Test method	unit		Standard values	Typical result
	1	color	visual	*		*	Grey and White
	2	fineness	INSO 706-1	Residue on sieve (max)	5 mm	*	0
					1.5 mm	*	3
	3	Working time	INSO 706-1	Minutes		*	120
	4	Bending strength	INSO 706-1	Mpa		*	4.1
	5	Compressive Strength	INSO 706-1	Mpa		CSV	15.2
						≥ 6	
	6	adhesion	INSO 706-1	Mpa		*	0.35
	7	Capillary absorption	INSO 706-1	Kg/(m²min ^{0.5})		W2	0.15
					≤ 0.2		
8	density	INSO 706-1	Kg/m³		*	1400	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran national standard INSO 706-1 in the GP class with capillary water absorption coefficient in the W2 category and compressive strength in the CSV category, and compatible with the international standard EN988-1.
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for external coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste, little need to move between floors, high execution speed.
- Applicable by cement spraying machine.
- No need for curing
- High strength
- Ready to use and no need of adding any additives

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
15 Kg	2.33 m ²	66 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Grey tile adhesive (protile bond 2040G)

Description: Cementous tile adhesive with extended open time and reduced slip features

Technical data

Product code: CM2002	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	Grey
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 0.5	0.85
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 0.5	0.72
	4	Adhesion strengtuih after heat ageing	INSO 12492-1	N/mm ²	≥ 0.5	0.68
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 0.5	0.6
	6	Open time adhesion strength after 30 minutes	INSO 12492-1	N/mm ²	≥ 0.5	0.78
	7	Slip	INSO 12492-1	mm	≤ 0.5	0.2

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1TE class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for tiling floors and walls in dry environments.**
- **Designed for gluing all types of common ceramic tiles with high water absorption rate and small to medium sizes.**

Consumption rate

3-5 Kg per square meter. These values can vary according to the size of the teeth of the trowel and the type and dimensions of the tile. The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: white tile adhesive (protile bond 2030W)						
Description: Cementous tile adhesive with extended open time and reduced slip features						
Technical data						
Product code: CM2003	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	White
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 0.5	0.81
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 0.5	0.70
	4	Adhesion strength after heat ageing	INSO 12492-1	N/mm ²	≥ 0.5	0.62
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 0.5	0.61
	6	Open time adhesion strength after 30 minutes	INSO 12492-1	N/mm ²	≥ 0.5	0.72
	7	Slip	INSO 12492-1	mm	≤ 0.5	0.25

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1TE class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for tiling floors and walls in dry environments.**
- **Designed for gluing all types of common ceramic tiles with high water absorption rate and small to medium sizes.**

Consumption rate

3-5 Kg per square meter. These values can vary according to the size of the teeth of the trowel and the type and dimensions of the tile. The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: Grey tile adhesive (protile bond 2060G)						
Description: Improved Cementous tile adhesive with extended open time and reduced slip features						
Technical data						
Product code: CM2004	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	Grey
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 1	1.76
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 1	1.3
	4	Adhesion strength after heat ageing	INSO 12492-1	N/mm ²	≥ 1	1.42
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 1	1.2
	6	Open time adhesion strength after 30 minutes	INSO 12492-1	N/mm ²	≥ 0.5	0.7
	7	Slip	INSO 12492-1	mm	≥ 0.5	0

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1TE class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for tiling floors and walls in dry and wet environments, high traffic places, places exposed to temperature changes.**
- **Designed for gluing all types of porcelains and common ceramic tiles with low water absorption rate.**
- **Designed for tiles and ceramics with different dimensions, from miniature sizes to slabs**

Consumption rate

3-5 Kg per square meter. These values can vary according to the size of the teeth of the trowel and the type and dimensions of the tile. The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: white tile adhesive (protile bond 2050W)						
Description: Improved Cementous tile adhesive with extended open time and reduced slip features						
Technical data						
Product code: CM2005	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	white
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 1	1.65
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 1	1.22
	4	Adhesion strength after heat ageing	INSO 12492-1	N/mm ²	≥ 1	1.35
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 1	1.15
	6	Open time adhesion strength after 30 minutes	INSO 12492-1	N/mm ²	≥ 0.5	0.72
	7	Slip	INSO 12492-1	mm	≥ 0.5	0

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1TE class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for tiling floors and walls in dry and wet environments, high traffic places, places exposed to temperature changes.**
- **Designed for gluing all types of porcelains and common ceramic tiles with low water absorption rate.**
- **Designed for tiles and ceramics with different dimensions, from miniature sizes to slabs**

Consumption rate

3-5 Kg per square meter. These values can vary according to the size of the teeth of the trowel and the type and dimensions of the tile. The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: AAC block adhesive						
Description: Cementous AAC block adhesive						
Technical data						
Product code: CM2006, CM2007	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	White/Grey
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 0.5	0.6
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 0.5	0.55
	4	Adhesion strength after heat ageing	INSO 12492-1	N/mm ²	≥ 0.5	0.56
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 0.5	0.51

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1 class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for making bond between two AAC blocks.**

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Product Name: AAC block adhesive (A2 class)						
Description: improved strength Cementous AAC block adhesive						
Technical data						
Product code: CM2008, CM2009	item	features	Test method	unit	Standard values	Typical result
	1	color	visual	*	*	White/Grey
	2	Initial adhesion strength	INSO 12492-1	N/mm ²	≥ 0.5	0.85
	3	Adhesion strength after immersion in water	INSO 12492-1	N/mm ²	≥ 0.5	0.72
	4	Adhesion strength after heat ageing	INSO 12492-1	N/mm ²	≥ 0.5	0.68
	5	Adhesion strength after freeze-thaw cycles	INSO 12492-1	N/mm ²	≥ 0.5	0.60

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran national standard INSO 12942-1 in the C1 class, and compatible with the international standard EN12004.**
- **A very suitable alternative to traditional mortars.**
- **Designed for making bond between two AAC blocks.**

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: tile grout								
Description: ready to use and pre mixed tile grout								
Technical data								
	Product code: CM2013, CM2014, and CM2015		item	features	Test method	unit	Standard values	
			1	color	visual	*	Various colors	
			2	fineness	INSO 10760-3, INSO 13007-3	Residue on sieve (max)	0.2 mm	*
							0.1 mm	*
			3	Working time	INSO 10760-3, INSO 13007-3	Minutes		≥ 60
			4	Bending strength	INSO 10760-3, INSO 13007-3	Mpa		≥ 2.5
			5	Compressive Strength	INSO 10760-3, INSO 13007-3	Mpa		≥ 15
			6	Water absorption after 30 minutes	INSO 10760-3, INSO 13007-3	g		≤ 2
			7	Water absorption after 30 minutes	INSO 10760-3, INSO 13007-3	g		≤ 5
		8	retraction	INSO 10760-3, INSO 13007-3	mm/m		≤ 3	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran national standard INSO 10760-3 and INSO 13007-3.
- Very high adhesion.
- Low water absorption.
- Very high wear resistance.
- In a variety of improved working time, waterproof, and waterproof-antibacterial.
- Very fine.
- Suitable for grouting all kinds of floor and wall tiles in the interior and exterior of the buildings.
- In various color.
- Suitable for the width of the gap between the tiles from 2 to 20 mm.

Consumption rate

It is determined according to the width and depth of the gaps between the tiles.

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Product Name: Thermo-coat 240

Description: Light weight ready-mix low heat transfer plaster

Technical data

Product code: CM2016	Item	Feature	Test method	Unit		Standard values	Typical result
	1	Color	visual	*		*	Various colors
	2	Fineness	INSO 706-1	Residue on sieve (max)	5 mm	*	5
					1.5 mm	*	4.5
	3	Working time	INSO 706-1	Minutes		*	70
	4	Bending strength	INSO 706-1	MPa		*	2.8
	5	Compressive Strength	INSO 706-1	MPa		CSII	3.5
						≥1.5	
	6	Adhesion	INSO 706-1	MPa		*	0.18
	7	Capillary absorption	INSO 706-1	Kg/(m ² min ^{0.5})		W1	0.31
						≤ 0.4	
	8	Density	INSO 706-1	Kg/m ³		*	600-700
	9	Thermal conductivity	INSO 706-1	w/mk		T2	1.8
						≤0.2	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran national standard INSO 706-1 in the T2 class with capillary water absorption coefficient in the W1 category and compressive strength in the CSII category, and compatible with the international standard EN988-1.
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for external coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste.
- No need of any mixing plan and ready to use.
- High strength
- No need of adding any additives

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
7-8 Kg	~ 2.5 m ²	~133 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Thermo-coat 140							
Description: Light weight ready-mix low heat transfer plaster							
Technical data							
Product code: CM2017	Item	Feature	Test method	Unit		Standard values	Typical result
	1	color	visual	*		*	Various colors
	2	fineness	INSO 706-1	Residue on sieve (max)	5 mm	*	0
					1.5 mm	*	45
	3	Working time	INSO 706-1	Minutes		*	50
	4	Bending strength	INSO 706-1	MPa		*	1
	5	Compressive Strength	INSO 706-1	MPa	CSI		1.4
					≤1.5		
	6	adhesion	INSO 706-1	MPa		*	0.15
	7	Capillary absorption	INSO 706-1	Kg/(m²min ^{0.5})	W0		0.6
					*		
8	density	INSO 706-1	Kg/m³		*	600-700	
9	Thermal conductivity	INSO 706-1	w/mk	T2		1.9	
				≤0.2			

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran national standard INSO 706-1 in the T2 class and compressive strength in the CSI category, and compatible with the international standard EN988-1.
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for external coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste.
- No need of any mixing plan and ready to use.
- High strength
- No need of adding any additives

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
8-7.5 Kg	~ 2.5 m ²	~ 133 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Thermo-coat 250

Description: Light weight ready-mix low heat transfer plaster

Technical data

Product code: CM2018



Item	Feature	Test method	Unit		Standard values	Typical result
1	Color	visual	*		*	Various colors
2	Fineness	INSO 706-1	Residue on sieve (max)	5 mm	*	0
				1.5 mm	*	5
3	Working time	INSO 706-1	Minutes		*	70
4	Bending strength	INSO 706-1	Mpa		*	4
5	Compressive Strength	INSO 706-1	Mpa	CS III		6.7
				≥ 6		
6	Adhesion	INSO 706-1	Mpa		*	0.25
7	Capillary absorption	INSO 706-1	Kg/(m²min ^{0.5})	W2		0.12
				≤ 0.2		
8	Density	INSO 706-1	Kg/m³		*	500-600
9	Thermal conductivity	INSO 706-1	w/mk	T1		0.08
				≤0.2		

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran national standard INSO 706-1 in the T1 class with capillary water absorption coefficient in the W2category and compressive strength in the CSIII category, and compatible with the international standard EN988-1.
- Can be applied on all kinds of brick, cement, and autoclave blocks.
- Suitable for external coating of all types of building areas, such as residential, commercial, hospital, etc.
- Can be used as a working surface for tiling, wall paper and putty.
- Very little waste.
- No need of any mixing plan and ready to use.
- High strength
- No need of adding any additives
- Possible to apply by sprayable machines.

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
~ 6.5 Kg	~ 3 m ²	~ 153 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: wall fix							
Description: gypsum block mortar and joint compound							
Technical data							
Product code: SG3001	item	features	Test method	unit	Standard values	Typical result	
	1	color	Visual/color meter	*/%		White/90%	
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.18 mm	0	0
			0.5 mm		*	3.5	
	3	Initial setting time	INSO 12015-1	Minutes		7-12	12
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	27
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	8
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	3.2
	7	Adhesion	INSO 12015-1	MPa		≥ 0.1	0.15
	8	Surface hardness	INSO 12015-1	Kg/cm2		≥ 2.5	3.7
9	density	INSO 12015-1	Kg/m³		*	950	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- **In accordance with the Iran's national standard INSO 12015-1 in the A3 category and compatible with the international standard EN13279-1.**
- **Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.**
- **Suitable for filling gaps between gypsum blocks and making bond between them.**
- **Proper setting time**
- **High strength**
- **High adhesion**

consumption rate

1 Kg for one square meter of blocks

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Super talaei							
Description: ultra fine and micronized gypsum plaster							
Technical data							
Product code: SG3002	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/88%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.18 mm	0	0
					0.5 mm	*	0
					0.35 mm	*	0
					0.15 mm	*	0.1
					0.075 mm	*	1.5
	3	Initial setting time	INSO 12015-1	Minutes		7-12	10
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	25
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	9.5
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	4
8	density	INSO 12015-1	Kg/m³		*	1050	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A3 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for final coating (finishing) and decorative purposes.
- Proper setting time
- High strength
- High adhesion
- Ultra fine

consumption table (thickness of implementation 1 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
1.25 Kg	20 m ²	800 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Talaei							
Description: gypsum plaster for first layer of coating							
Technical data							
Product code: SG3003	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/88%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					0.18 mm	1.5	0
					0.5 mm	*	0
					0.35 mm	*	3
					0.15 mm	*	10
	3	Initial setting time	INSO 12015-1	Minutes		7-12	9
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	25
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	8.7
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	3.5
8	density	INSO 12015-1	Kg/m ³		*	1100	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A2 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for first layer of coating.
- Proper setting time
- High strength
- High adhesion

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
12.5 Kg	2 m ²	80 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A1 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for first layer of coating.
- Proper setting time
- Simultaneous calcining of gypsum and clay in the kiln.

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
13 Kg	1.92 m ²	77 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Toranj							
Description: gypsum plaster for first layer of coating							
Technical data							
	Product code: SG3005	item	features	Test method	unit	Standard values	Typical result
	1	color	Visual/color meter	* /%	*	White/88%	
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					0.18 mm	1.5	0
					0.5 mm	*	0
					0.35 mm	*	4
					0.15 mm	*	12
	3	Initial setting time	INSO 12015-1	Minutes	7-12	8	
	4	Final setting time	INSO 12015-1	Minutes	≤ 30	25	
	5	Compressive Strength	INSO 12015-1	Mpa	≥ 6	8.5	
	6	Bending strength	INSO 12015-1	Mpa	≥ 2	3.5	
8	density	INSO 12015-1	Kg/m ³	*	1100		

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A2 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for first layer of coating.
- Proper setting time
- High strength
- High adhesion

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
12.5 Kg	2 m ²	80 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

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Product Name: Diamond							
Description: gypsum plaster for first layer of coating							
Technical data							
Product code: SG3006	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/88%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					0.18 mm	1.5	0
					0.5 mm	*	0
					0.35 mm	*	5
					0.15 mm	*	11
	3	Initial setting time	INSO 12015-1	Minutes		7-12	9
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	25
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	8.8
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	3.9
8	density	INSO 12015-1	Kg/m³		*	1100	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A2 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for first layer of coating.
- Proper setting time
- High strength
- High adhesion

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
12.5 Kg	2 m ²	80 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

Product Name: NOE 1							
Description: gypsum plaster for first layer of coating							
Technical data							
Product code: SG3007	item	features	Test method	unit		Standard values	Typical result
	1	color	Visual/color meter	*/%		*	White/88%
	2	fineness	INSO 12015-1	Residue on sieve (max)	1.5 mm	0	0
					0.18 mm	1.5	0
					0.5 mm	*	0
					0.35 mm	*	5
					0.15 mm	*	11
	3	Initial setting time	INSO 12015-1	Minutes		7-12	9
	4	Final setting time	INSO 12015-1	Minutes		≤ 30	25
	5	Compressive Strength	INSO 12015-1	Mpa		≥ 6	8.7
	6	Bending strength	INSO 12015-1	Mpa		≥ 2	3.9
8	density	INSO 12015-1	Kg/m³		*	1100	

The given data is stated in standard conditions and can have changes in different workshop conditions and various type of substrate.

Tips, details, and features

- In accordance with the Iran's national standard INSO 12015-1 in the A2 category and compatible with the international standard EN13279-1.
- Reaction to fire equivalent to grade A1 according to Iran's national standard No. 8299.
- Suitable for first layer of coating.
- Proper setting time
- High strength
- High adhesion

consumption table (thickness of implementation 10 mm)

Consumption per square meter	Coverage per bag	Coverage per ton
12.5 Kg	2 m ²	80 m ²

The amount of consumption is approximate and may change depending on the type of work surface.

All information based on technical knowledge and existing standards has been obtained and presented in standard environmental conditions. The policy and organizational strategy of Sepidgach Saveh Company is in line with the research and development and qualitative growth of products, and in this regard, the company reserves the right to change technical data at any time. In case of any changes in the technical specifications, the previously published data will be invalid and the new data will be provided to you through the company's website. Obviously, the commitment of this company is limited to the correct use of the product in suitable environmental conditions in accordance with published standards and guidelines. It should be noted that all the engineering technical knowledge, standards and methods of use are not included in this sheet and the executives are obliged to apply all the executive technical orders separately.

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ساوه طلایی
SEPID GATCH SAVEH

