


Product Name: Light weight gypsum plaster (Siva)

Description: Light weight polymerized gypsum plaster applicable by hand.

Technical data

Product code: GI1002	Item	Feature	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/cm ³	*	2.7		
8	Density	INSO 12015-1	Kg/m ³	*	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.

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.