

Note on English translation:

This is a translation of the technical data sheet valid in Iran.

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Technical Data Sheet

2021-2022

## IZOGIPS

### Gypsum plaster

#### Product description

Izogips is a perlite containing hand applied gypsum plaster.

#### Storage

Store the bags on wooden pallets in a dry environment. Seal damaged and open bags airtight and use first. Can be stored for approx. 6 months.

#### Standard referred to

ISIRI 12015-1 and EN 13279-1 category B4/20/2, the product is subject to initial type testing and continuous factory production control.

#### Properties and added value

- Air flow permeability
- Easy and fast application
- High adherence quality
- Extended application duration
- A1 class material (non combustible)
- Extremely high adhesion to any substrates.
- Minimum wastage due to the extended setting time.
- High mechanical strength and scratch resistant.
- Suitable for repairing gypsum surfaces.
- High moisture resistance

#### Field of application

It is used at cement applied surfaces, brick, briquette, aerated concrete, exposed concrete, pumice block etc. for interior applications.

Application	
<p><b>Substrate pretreatment</b> The substrate should be stable, firm and clean. Oil, dust, dirt and loose particles should be removed from the surface before application. The surface should not be over dry or wet before the application. Use primer on exposed concretes.</p> <p><b>Mixing</b> ■ Pour the plaster into the water in a clean container according to the appropriate mixture ratio until it exceeds the water surface one finger(10 kg in approx. 5-6 liter of water). After waiting for 2-3 minutes, mix at low speed with a mechanical mixer until achieving a good mixture. ■ Do not add water and gypsum to the mixed mortar.</p> <p><b>Application</b> ■ Use aligning strips for plaster application for a leveled surface. After the mortar is mixed, you should apply to the surface with trowel and strike-off.</p>	<p>■ Application thickness should be minimum 10 mm and maximum 25 mm on the wall and minimum 10 mm and maximum 15 mm on the ceiling. Apply the product as levels for thicker applications. ■ Before the surface is hardened completely, strike-off for the second time. ■ Brush the surface after approximately -40 30 minutes and remove the residual particles and finish the surface with leveling trowel if it's desired to achieve a glossy surface.</p> <p><b>Application time</b> Approx. 60 minutes until initial setting. Do not use material that has started to harden and do not add water or mix in an attempt to make the material usable. Soiled mixing buckets and tools reduce the application time.</p> <p><b>Application temperature/climate</b> Do not apply below +5°C ambient, material and / or floor temperature. Fresh mortar should be protected against frost and quick drying.</p>

Safety Instructions
<p>■ Wash hands with plenty of water after handling. ■ Use protective gloves / protective clothing / eye protection / face protection. ■ In case of contact with eyes: Rinse your eyes cautiously with water for several minutes. If there is a lens remove it and continue to rinse. ■ If eye irritation persists: Get medical advice / attention.</p>

**Technical specifications**

Description	Unit	Value
Color	-	White
Application duration	minute	60
Hardening duration	minute	120
Initial setting time	minute	50-70
Final setting time	minute	approx. 150-170
Dry bulk density	kg/m <sup>3</sup>	750-850
Compressive strength	N/mm <sup>2</sup>	>2.0
Flexural strength	N/mm <sup>2</sup>	>1.0
Adhesive strength	N/mm <sup>2</sup>	>0.1
Thermal conductivity coefficient	W/mK	0.26

**Packaging**

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
IZOGIPS	30	40	7021313001

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