

Note on English translation:

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

All stated details and properties are in compliance with the regulations of the Iran standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals. Kplus denies any liability for applications outside of Iran as this requires changes acc. to the respective national standards and building regulations.



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

Substrate pretreatment

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.

Mixing

■ 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.

Application

■ 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.

■ 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.

Application time

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.

Application temperature/climate

Do not apply below +5°C ambient, material and / or floor temperature. Fresh mortar should be protected against frost and quick drying.

Safety Instructions

■ 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.

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 ³	750-850
Compressive strength	N/mm ²	>2.0
Flexural strength	N/mm ²	>1.0
Adhesive strength	N/mm ²	>0.1
Thermal conductivity coefficient	W/mK	0.26

Packaging

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

Kplus Direct: Technical Support Dept.

► Phone: (+98 21) 88207929

► Fax : (+98 21) 88203126

► technical@kplusi.ir

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Kplus technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer.

All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Kplus.

www.kplusi.ir

Head Office:

No. 19, East Qobadian Alley, Nelson Mandela (Africa) Blvd., 19176-34611, Tehran, Iran