

Izogips

Technical Data Sheet

12/2023



Izogips

Gypsum Plaster

Product Description

Perlite containing hand applied gypsum plaster

Storage

The bags should be stored horizontally on a flat surface such as a wooden pallet and kept dry so that they do not come into contact with water. Partly opened and / or damaged bags should not be used. Product shelf time is 6 months.

Standards referred to

TS EN 13279 - 1 : Lightweight gypsum building plaster B4/20/2

Fields of Application

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

Properties

- Air flow permeability
- Easy and fast application
- High adherence quality
- Extended application duration
- A1 class material (non combustible)

Application

- Clean the surface and repair if necessary.
- The surface should not be over dry or wet before the application.
- Use Knauf Betokontakt primer on exposed concretes.
- Pour the plaster into the water in a clean container according to the appropriate mixture ratio until it exceeds the water surface one finger. 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.
- Use aligning (ano) 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 30-40 minutes and remove the residual particles and finish the surface with leveling trowel if it's desired to achieve a glossy surface.
- Use Knauf Gypsum Comer Profiles for external comers and use Knauf Reinforcing Mesh for different materials transitions.

Application tools

Trowel, putty knife, shaping tools etc.

Application temperature

Do not apply below +5°C and above +30°C ambient, material and / or floor temperature. Fresh mortar should be protected against frost and quick drying.

Working time (on the Applied Surface)

About 160-180 minutes acc. to substrate

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 Data

Description	Unit	Value
Color	-	White
CaSO ₄ gypsum ratio	%	> 50
Reaction to fire	-	A1
Mean pressure resistance	N / mm ²	≥ 2
Mean bending resistance	N / mm ²	≥ 1
Adherence strength	N / mm ²	≥ 0,1
Initial Setting Time	min	> 20
Working Time (on the Applied Surface)	min	160-180
Amount of mixing water (for 10 kg dry mortar)	L	5 - 6
Application temperature	°C	5 - 30
Shelf life	month	6

Material Consumption

Product	Unit	Consumption
Izogips (for 10 mm thickness)	kg/m ²	9

Packaging

Description	Weight (kg)	Packaging (pcs/pallet)	Material Number
Izogips	35	45	133413
	25	60	266037
	3	180	133426

System Performance Values

Please check for detailed information;
[Knauf Technical Website](#)
[Document Center](#)

Application

It is suggested to follow the technical details which given on Knauf system brochures for application.