



Gypsum binder with slow curing properties for direct use.

Turbo Gips Sina

Technical Data Sheet

1.2022

Turbo Gips Sina

Gypsum binder with slow curing properties for direct use.

Product Definition

Knauf Turbo Gips Sina is a high-quality white mortar with slow curing properties; it makes a homogeneous mixture ready for immediate use and application and does not require any added material.

It is a safe and natural material that does not have a strong odor.

Delivery, Storage and Handling

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.

Standards Comply With

The gypsum binders were sampled according to KNAUF test stander and EN-13279-2/3.3 and Egyptian standard ES 188

Fields of Application

-High quality white mortar with slow curing properties which makes a homogenous mixture ready for immediate use and application without any other additives.

- It is composed of safe, natural materials that comply with the international standard, and it does not have a strong odour.

Properties

- Standard application of the product covers 33 sqm with a 2 mm layer thickness per package.
- Supports thermal isolation which helps energy saving and also limits sound waves.
- Non-flammable material, "Class A1".

Application

Application

- Gradually spread the product into a clean container having water (It is recommended to mix the package with 70 to 75% of clean water) not vice versa.
- Leave the product onto the water top for two minutes till it sinks down then start mixing process in all directions till you have a homogeneous mixture preferred to be mixed mechanically.

Application Tools

A Putty Knife

Application Temperature

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

Working Time

The product can be applied within 5:00 to 8:00 minutes after mixing and reaches full cured condition after 15 to 20 minutes.

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 Properties

Description	Unit	Value
Color	-	Fine white powder
CaSO ₄ gypsum ratio	%	≥ 80 %
Reaction to fire	-	A1
Mean pressure resistance	N / mm ²	24
Mean bending resistance	N / mm ²	1.6
Duration for application	minute	5:00 – 8:00
Duration for hardening	minute	15:00 – 20:00
Amount of mixing water (for 10 kg dry plaster)	L	7-7.5 L
Application temperature	°C	0,26
Shelf life	month	6

Material Consumption

Product	Unit	Consumption
Turbo Gips Sina (for 2 mm thickness)	kg/m ²	33 kg/m.sq.

Packaging

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
Turbo Gips Sina	30.3	33	708317

System Performance Values

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

Application

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

- ▶ Ataq Industrial Zone, Suez
- ▶ www.knaufegypt.com
- ▶ sales@knauf.eg

Head Office:
 Building 55, Road 18, 1st Floor, Maadi, Cairo - Egypt



Tel: +20223 59 55 44 Fax: +20223594477 Hotline: 15085