



## TURBO GiPS

Technical Data Sheet 10/2020

## TURBO GiPS

Gypsum Binder For Direct Use

### Product Definition

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

### Standards Comply With

EN 13279-1, products from secondary processing of this board.

### Fields of Application

- Interior Applications.
- Ceiling Decoration Corniche.

### Properties

- The product can be applied within 3 to 5 minutes after mixing and reaches full cured condition after 11 to 17 minutes.
- Complete curing of product occurs within a day according to temperature, humidity and layer thickness.
- The product complies with Egyptian Standards No. ES188-1/2013 and the European Standard No. EN 13279-1/ 2008.
- Turbo Gips is a multipurpose material that can be used in interior applications, construction, decoration and quick installation as well.
- The product is categorized " Class A1 " as non-flammable material according to the European Standard No. EN 13501-1.
- Turbo Gips contains perlite, which renders it suitable for interior applications, decoration and installations.
- The product storage time is up to 6 months

## 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 3 to 5 minutes after mixing and reaches full cured condition after 11 to 17 minutes.

## Safety Instructions

- In case of skin contact, contact spot shall be washed with plenty of water.
- In case of eye contact, eye must be washed with plenty of water and ask for medical help if necessary.
- In case of swallowing the product, rinse mouth with water and drink water afterwards.
- In case of unexpected symptoms due to any of the aforementioned cases, ask the doctor's medical assistance immediately.

## Technical Properties

Description	Unit	Value
Color	-	White
CaSO <sub>4</sub> gypsum ratio	%	85 - 95
Reaction to fire	-	A1
Mean pressure resistance	N / mm <sup>2</sup>	NA
Mean bending resistance	N / mm <sup>2</sup>	NA
Duration for application	minute	3.5
Duration for hardening	minute	11:17
Amount of mixing water (for 10 kg dry plaster)	L	6.5 - 7.5
Application temperature	°C	≥ 5
Shelf life	month	6

## Material Consumption

Product	Unit	Consumption
Turbo Gips (for 2 mm thickness)	kg/m <sup>2</sup>	33

## Packaging

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
Turbo Gips	30.3	33	493806

## System Performance Values

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.