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IZOGIPS

Hand-Applied Light Weight Gypsum Plaster



IZOGIPS is a polymer-modified gypsum powder used for interior application., The technical insufficiencies of the traditional gypsum have been resolved by adding polymer and other minerals to the recipe. Considering less weight and wastage, it is a perfect substitute for traditional gypsum.

Advantages

- Extremely high adhesion to substrates.
- Minimum wastage due to the extended setting time.
- Reduced mixing duration.
- High mechanical strength and scratch resistant.
- Low density.
- Suitable for repairing gypsum surfaces.
- High moisture resistance.

Features

Consumption	Approx. 9.5 Kg/m² for thickness: 1 cm
Processing Time	Approx. 60 minutes
Final Setting Time	Approx. 120 minutes
Reaction to fire	A1 (inflammable)

MP Ultra Machine Applied Gypsum Plaster



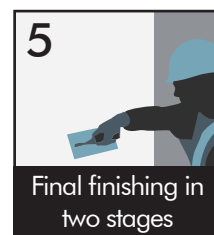
MP Ultra is a polymer-modified gypsum plaster for interior application. Among special features of this product is fast implementation (150-250 m² per working day) using the plastering machine, higher workability, less wastage and smooth finish.

Advantages

- Extremely high adhesion to substrates.
- Minimum wastage due to the extended setting time.
- Improved compression resistance.
- Improved moisture resistance.
- Low density.
- Improved fire and heat resistance.
- Single-coat application.

Features

Consumption	Approx. 10 Kg/m ² for Thickness: 1 cm
Processing Time	Approx. 80-100 minutes
Final Setting Time	Approx. 150 minutes
Reaction to fire	A1 (Inflammable)



VERMIPLASTER Fire Protection Gypsum Plaster



VERMIPLASTER is a fire protection gypsum plaster for interior application. This is a passive protector product against fire, and its main duty is to protect building structural elements against fire. This product acts in a way that the structure is not deformed facing fire until full extinguishment and/or building evacuation. This product may be implemented using plastering machine; therefore, fast application is considered as one of its main advantages.

Advantages:

- Easily applicable using plastering machine or similar.
- Does no harm to steel structures.
- White color.
- Can be troweled to reach a smooth finish.

Features:

Reaction against fire	A1 (does not participate in fire)
Function time	30-/+ 90 mins
Bending strength	> 0.7 MPa
Compressive strength	> 1.7 MPa
Min. adhesiveness	> 0.06 MPa
Surface hardness	> 1.90 MPa
Consumption per cm of THK	~ 7-6.5 Kg/m³
Classification	Y (acc.to ETAG-018 Part 3)

FUGENFÜLLER (Joint Filler)



Fugenfüller (joint filler) is used to fill and treat Gypsum Board joints. It is applied with combination of a drywall tape to reinforce the board joints. Kplus joint filler is applied in a thin layer of 1-2mm thickness. If the application is done in a number of individual stages, the thickness of the layer could increase up to 10mm.

Advantages

- Neutral pH and non-allergic to skin.
- Proper adhesion to all types of gypsum boards.
- Fast application.
- Ideal strength and resistance.

Features

Three-Stage Consumption	800gr/m ²
Workability time	Approx. 40 minutes
Preparation Method	Mixed with water (10~9 lit per 10kg of powder)
Loading Volume on Wooden Pallet	bags, pallet or jumbo bags, 30/20 kg bags

PAINTING PUTTY



Painting putty is used to achieve a smooth and even surface as a substrate for paint or wallpapers. The product may be used in order to prevent shades and also to repair surface cracks.

Advantages

- Only mix with Water. No need to add paint, oil and thinner.
- Safe and not allergic to skin, without odor and hyper-sensitivity reactions.
- Compatible with plastic and acrylic oil paints.
- Crack free.

Features

Flexural Strength	>1N/mm ² according to INSO 12015/1
Compressive Strength	>2N/mm ² according to INSO 12015/1
Preparation Method	Each 5kg to be mixed with 3~3.5 liters water
Drying Time	Average 1 hour
Functioning Time	Approx. 4 hours
Loading Volume on Wooden Pallet	20kg bags

BETOGIPS

Foam And Concrete Coating



Betogips is a polymer-modified gypsum plaster for coating on concrete, polystyrene foam, and other smooth surfaces.

Advantages

- Enhanced adhesion.
- Resistant against mechanical forces and environmental conditions.
- Proper coverage.
- Resistant against structural stresses.
- Strong bonding to substrate

Features

Consumption	Approx. 1kg/m² for thickness:1mm
Flexural Strength	>2N/mm² according to INSO 12015/1
Compressive Strength	>6N/mm² according to INSO 12015/1
Surface Hardness	>2.5N/mm² according to INSO 12015/1
Workability Time	~30 minutes

GYPSUM BLOCKS

Gypsum blocks are designed for rapid installation and could be used in commercial or residential buildings. Due to having tongue-and-groove joint, these blocks could be easily installed, and after filling the joints with BETOGIPS, there is no need for applying a second layer of gypsum. Paint or wallpaper can be applied directly on the surface after blocks installation.

Advantages

- Fast installation.
- Prepared surface for painting.
- Reduced installation and material costs.
- No need for additional surface treatment.
- Low weight.
- More carpet area due to low thickness.
- Possibility to fix directly to ceiling, floor and the bearing wall.



Moisture resistant (MR): 8 cm thick gypsum block



7cm thick gypsum block

Features

Specifications	7cm Thick Block	8cm Thick Block	8mm tick MR Gypsum Block
Dimensions	7×66.6×50cm	8×66.6×50cm	8×66.6×50cm
Weight per Block	21-23kg	24 -26kg	24 -26kg
Weight per m ²	63-69kg	72 -78kg	72 -78kg
Thermal resistivity	0.218m ² , K/W	0.218m ² , K/W	0.218m ² , K/W
Coefficient of Sound	38db	38db	38db
Breaking load	>4KN	>5KN	>6KN
Color	White	White	Blue
Reaction to fire	A1*	A1*	A1*
Water Absorption			<%5

A1*: inflammable

TA PLUS & TA FLEX Tile Adhesive




TA Plus and TA Flex are cement-based tile adhesive which consist of German recipe and supplied in 25kg packages. Only mixed with water to achieve a highly functional mortar. TA FLEX/Plus could be used to install all types of tile, ceramic, mosaic and natural stones in variable sizes, on interior and exterior surfaces of a building or even in conditions of high humidity or condensation e.g. sauna or a swimming pool. TA Plus is used to install tiles and ceramics in small or medium sizes.

Advantages

- Easy to apply.
- Appropriate adhesion to substrates.
- Reduced building's deadweight.
- Increased building's effective space.

Features

THK	2-5 mm
Shelf life	12 months in standard packages
Consumption	Thickness:
One Palette	48 bags, 25kg bag



**Manufactured with the Highest
Quality Raw Materials**

KPLUS TABLE OF PRODUCTS



	IZOGIPS	MP Ultra	FUGENFUELLER	PAINTING PUTTY
Classification	Single layer light manual plaster coating	Double layered light machine applied gypsum coating	Joint filling gypsum coating for gypsum coated panels	Thin layer gypsum coating; finishing coating
Implementation method	Manual	Mechanic	Manual	Manual
Implementation location	Indoor	Indoor	Indoor	Indoor
Implementation tools	Balance prism, trapezoid prism, sponge and trowel for finishing	Balance prism, trapezoid prism	Wide Spatula, Trowel, Knife	trowel
Laboratory Primary Setting Time (minute)	65±10	100±10	100±10	440±60
Laboratory Final Setting Time (minute)	160±10	200±10	120±10	480±60
Workability (minute)	60	90±10	35-55	240
Implementation THK (mm)	Min. 8	Min. 10	Refer to K+ catalogue on cutting, installing, and joint filling	1mm per layer
Packaging	30kg AD*	30kg AD*	20kg AD*	Paper bag 20 kg
Consumption per square meter in terms of implemented thickness (kg)	9.5kg/10mm	10kg/10mm	0.8kg for three stages	1kg/1mm
Open time (min)				
Adjusting time (min)				
Undercoat surfaces				
Aerated Block	✓	✓		
Regular Brick	✓	✓		
Polystyrene Foam				
Gypsum Surfaces	✓	✓		✓
Cement Boards	✓	✓		
Cement Surfaces	✓	✓		
Sand-Cement Surfaces	✓	✓		
Non-absorbent Surfaces				
Gypsum-coated panels			✓	✓
Structural Elements (steel-metal surfaces)				



BETOGIPS	VERMIPLASTER	DECOPLAST	TA FLEX	TA PLUS
Gypsum coating with high surface-hardness specific for concrete surfaces	Fireproof mechanical gypsum coating	Decorative and Tool Plaster	C2TE thin bed cement-tile adhesive	C1TE thin bed cement-tile adhesive
Manual	Mechanical	Manual	Manual	manual
Indoor	Indoor	Indoor	Indoor /Outdoor	Indoor/Outdoor
Trowel	Balance prism if needed	Stamps / Stencils	regular and dented trowel	regular and dented trowel
60±10	110±30	7-12		
80±10	240±60	Max.30		
30	60	Approx. 8 minutes	180	180
1kg/1mm	6.5kg/10mm	1 kg/1mm	4mm: 1.5kg 6mm: 2.3kg 8mm: 3kg	4mm: 1.7kg 6mm: 2.5kg 8mm: 3.2kg
30 kg AD*	Paper bag 20 kg	30 kg pp		
1kg/1mm	6.5 kg/10mm	0.8 kg/1mm		
			30	20
			Implementability	
✓			✓	✓
✓			✓	✓
✓			✓	✓
✓		✓	✓	✓
✓			✓	✓
✓			✓	✓
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			✓	✓
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	✓			

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