



# International for building materials

Gypsum and gypsum derivatives production

## VIGA 120

### Product Description

VIGA 120 is a white powder composition ready to be mixed with water to form high performance white slurry used as smoothing putty for surfaces, undercoat over mortars, pasting and soldering separators of the gypsum boards.

### Uses VIGA 120:

- Paste gypsum board separators and cracks.
- For smoothing the surface over the all applications.
- To obtain a several decorative textures over all building surfaces instead of paints.
- Leveling and lining the surface of plaster as it can reach 5mm thick.

### Advantages:

- Improve the hardness of the gypsum board surface.
- Give a high smooth, white and glossy surface ready for final painting retouches.
- Doesn't require to be sanded.
- High bond strength with all gypsum based materials.
- One component - premixed only the addition of water is required.
- Easy to mix, apply and finish.
- Adjustable consistency and high workability.
- No need for manual smoothing such as the use of roughing paper.
- Time of setting is 60 minutes, which mean high time saving.
- Non-toxic.
- Non-shrink (No hair cracks).
- Less wastage during application (Due to the mixture consistency).
- Easier to keep the site clean.
- Easier storage, handling and transportation.

### Compliance & certificates:

- VIGA 120 is compatible with the Egyptian standard 188/2013.
- VIGA 120 is compatible with the European standards EN 13279
- ASTM C 28 / C 28M
- ASTM C 22
- Certificates: ISO 9001: 2008 / OHSAS 18001:2007

### Safety instructions:

#### Health and Safety

- Health and safety information are available by [www.EL-DAWLYA.com](http://www.EL-DAWLYA.com).
- **Transport:** Non-hazardous.      ○ Toxicity      Non-Toxic



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### Product Data

**Form:** Powder                                **Color:** White  
**Packaging:** 12.5 kg sac with 2 plies of Kraft paper and plastic layer interior.  
**Storage:** Dry conditions, avoiding any contact with water.  
**Shelf Life:** 6 months from date of production if stored properly in original unopened packing.  
**Max. Thickness / layer:** 5 mm / layer

### Technical Data

Density:	1.55 Kg/L
Coverage	3200 M <sup>2</sup> /ton /0.5mm thickness
<b><i>Mechanical properties</i></b>	
Compressive strength	2.5 N/MM <sup>2</sup>
Flexural Strength	1.5 N/MM <sup>2</sup>
Surface Hardness	1.2 N/MM <sup>2</sup>
PH	About 7
Setting time	120 Minutes
Mixture Life (25 °C)	100 Minutes

### Application instructions:

#### Mixing Ratio

Add VIGA 120 powder to about 60% of potable clean water gradually.

#### Surface preparation

Substrate must be clean, free from dust, loose particles, cement laitance, curing compounds, oil, grease or any other contamination.

Pre wet substrate to saturated surface dry condition (SSD) prior to the application of VIGA 120.

#### Mixing

Pour water in given quantity into the mixing container. Add powder while mixing continuously. By adding the powder in portions, the desired application consistency can be obtained with no lumps.

#### Application

○ After preparation and mixing, apply the VIGA 120 for the required purpose.

#### Important notes:

- Mixing time 3 minutes.
- Big thicknesses in leveling should be applied in layers 3 mm.
- Powder should be added to water gradually.
- Don't mix more than the required quantity within 10 minutes.
- Don't add new mix to the old mix to increase the quantity.
- Insure the proper way to close the sac after usage to avoid the moisture to attack the remaining powder.
- Insure all tools are clean, and wash the tools immediately after usage.
- Don't add any additives to the VIGA 120 such as bonding agents and polymers as it affects the VIGA 120 negatively.

#### Cleaning

Mixing tank and tools should be cleaned with water while material is still fresh.

#### MANUFACTURER:

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