

# DOLINA NIDY FILLING GYPSUM F

for filling with the use of reinforcing tape

- plasticised with polymers
- very good grip
- high performance and flexibility
- suitable for repair work
- layer thickness up to 10 mm



Manual application



Pot life



Apply temperature



Eco product



## USE

- for jointing gypsum plasterboard using reinforcing tapes,
- for masking screws,
- for filling in small cavities on gypsum plaster.

## PROPERTIES

- FILLING GYPSUM F is a dry mixture produced on the basis of natural gypsum binders obtained by roasting gypsum rock, mineral fillers and modifying agents, thanks to which the mortar obtained after mixing with water is plastic and very easy to process,
- the modification of the mixture with special cellulose microfibrils further strengthens the structure of the material, increasing its resistance to cracking and mechanical strength,
- the content of plasticised polymers improves flexibility and adhesion to the substrate.

## SUBSTRATE PREPARATION

Start filling the joints after the boards have been firmly and permanently fixed according to the assembly rules and when there are no more changes in dimensions due to humidity or temperature factors. The gap between the panels should be approx. 2-3 mm, the gap between the panels and the building structure should be made with a controlled crack and the use of adhesive tape or filled with elastic acrylic compound. Sharp cut edges of the boards should be chamfered with a knife or a planer and primed with one of the EURO-GRUNT primers. Before filling, the joint surface should be dry, cleaned of any impurities that could weaken adhesion. The screws should be countersunk (approx. 0.5-1.0 mm) and should not protrude from the boards. Protect steel components which may come into direct contact with the mortar with an anti-corrosive agent. The mortar is not suitable for wooden, metal and plastic substrates.

## MASS PREPARATION

The dry mixture should be poured evenly into a container with a measured quantity of clean water at a ratio of approximately 0.78 litres water per 1 kg of gypsum and allowed to stand for a period of 5 - 10 minutes, and then mixed manually or mechanically until a homogeneous mass without lumps and undissolved components is obtained. The mass is suitable for use immediately after mixing and retains its parameters for about 60 minutes. Before mixing the next batch of material, clean the container thoroughly of any residual bound mortar, as it may shorten the setting time of the next batch.

## METHOD OF APPLICATION

Depending on the type of reinforcing tape, the following rules must be obeyed:

- in structures subject to fire resistance requirements, use glass fibre tape, mesh adhesive tape or fleece,
- use fleece to reinforce cut edges.

**Use of paper tape or fleece.** Fill the joints with the compound pressed as deep into the joint as possible. Press the tape into the freshly applied compound so that it adheres to the plaster thoroughly and without folds. Do not leave any air bubbles under the paper tape. The paper tape can be moistened in clean water. Cover the surface of the tape with a thin layer of gypsum. After it has hardened, reapply the mass about 5-6 cm wider than the previous layer.

**Using self-adhesive mesh.** Cut the tape to the length of the joint, apply to the edges of the boards, fill the cavities by pressing the compound between the edges of the boards through the meshes of the tape. After it has hardened, apply a second layer about 5-6 cm wider than the previous one. On cut edges, in order to flush the joint with the board surface, its width should be min. 40 cm.

Carry out screw masking in two stages, while the first time the joints are filled and the final filling with GYPSUM PLASTER. After the last coat has dried up, sand to flush with the board surface.

Additional recommendations:

- avoid excessive and rapid heating of the rooms immediately after filling the joints,
- plaster all plasterboard surfaces with GYPSUM PLASTER.

**Preparation for finishing coats.** Check that the surface is sufficiently dry (max. moisture content up to 1 %) and free from dust and other impurities. Adapt the primer to the type of coating used. Follow the recommendations of the paint, wallpaper and adhesive manufacturer.

### CONSUMPTION

On average, approx. 0.4-0.5 kg is used per 1 m of joint. In practice, the consumption depends on the thickness and type of board edge and joint width.

### PACKAGING

Aluminium bags: 5 kg. Pallet: 600 kg in 5 kg bags.

Paper bags: 15 kg. Pallet: 990 kg in 15 kg bags.

### TOOLS

Slow-speed drill with mixer, flexible plastic bucket, stainless steel plastering tools (steel trowel, spatula, trapezoidal trowel), plasterboard cutter or angle planer, sandpaper or sanding grid. Clean the tools with clean water immediately after use.

### SAFETY INFORMATION

The product is Hygienic Approved by the PZH and has a Radiation Hygiene Certificate.

Proceed in accordance with the Safety Data Sheet.

### STORAGE AND TRANSPORT

Storage and transport in closed, original and labelled packaging, preferably on pallets or on an insulated base. Store in dry, well-ventilated areas, out of the reach of children. Keep away from drinks, food, feed. Protect from moisture and water as the product hardens irreversibly on contact. Under these conditions, no adverse interactions are known. Storage temperature: +5 to +35 °C, relative humidity < 70%. Storage class: non-flammable solids. Shelf life is 12 months from the date of manufacture on the bag.

### TECHNICAL DATA

|                                                                                                                           |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Mixing ratio<br>water / dry mix                                                                                           | approx. 0.78 l / 1 kg<br>approx. 3.90 l / 5 kg<br>approx. 11.7 l / 15 kg          |
| Pot life                                                                                                                  | approx. 60 minutes                                                                |
| Start of the setting time                                                                                                 | 60-180 minutes                                                                    |
| Conditions during the work (before, during and after grouting):<br>- substrate and ambient temperature<br>- room humidity | from +10° C to 25 °C<br><br>up to 70%                                             |
| Grain size                                                                                                                | residue on 0,315 mm sieve -<br>0,0 % residue on 0,2 mm<br>sieve not more than 1 % |
| Adhesion to the ground                                                                                                    | ≥ 0.25 N/mm <sup>2</sup>                                                          |
| Substrate and ambient temperature                                                                                         | from +10° C to +25 °C                                                             |
| Maximum thickness of one layer                                                                                            | 10 mm                                                                             |

### TECHNICAL REQUIREMENTS

The product is a construction product for which the technical specification is the harmonised European standard **PN-EN 13963:2008 - joint** compound for joint filling of gypsum plasterboards, for manual application, indoors, with standard setting time

| DOLINA NIDY FILLING GYPSUM F (2020)<br>Declaration of Performance No. EC No. 06/1/CPR<br>EN 13963:2005/AC:2006 (PN-EN 13963:2008) |       |
|-----------------------------------------------------------------------------------------------------------------------------------|-------|
| Intended use: building structures                                                                                                 |       |
| Reaction to fire (with direct exposure)                                                                                           | A1    |
| Bending strength                                                                                                                  | 320 N |

### NOTE

It is imperative that:

- proper storage of the product
- priming and proper preparation of substrates
- application of recommended layer thicknesses
- appropriate substrate and ambient humidity and temperature
- recommended care

The manufacturer shall not be held liable for any consequences arising as a result of using the product contrary to the above recommendations and the rules of the art.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not relieve the user of the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid.

Documents accompanying the product are available at [www.dolina-nidy.com.pl](http://www.dolina-nidy.com.pl).

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