

DOLINA NIDY

GIPS

BUDOWLANY

- for production of mortars and prefabricated elements
- for construction and renovation work
- for indoor use



Manual application



Pot life



Apply temperature



Protect against moisture



Eco product



USE

- Minor repair work on wall and ceiling surfaces inside buildings, e.g. filling of cavities, closing dowel holes, etc.
- assembly work, e.g. embedding aluminium corners and mesh corners, attaching plaster flatness guides before making gypsum plaster, joining and stabilising gypsum elements
- installation work, e.g. embedding flush-mounted boxes, filling cable chases, etc.
- for use on unplastered substrates made of ceramic elements, lime-sand brick, normal and porous concrete as well as on cement, cement-lime and gypsum plaster and on chip-cement boards
- for indoor use
- for the preparation of mortars and prefabricated gypsum products

PROPERTIES

- mineral binder, obtained by partially dehydrating natural gypsum rock (calcium sulphate dihydrate) from an opencast gypsum mine
- very rapid increase in mechanical strength, fixed elements are quickly immobilized and securely fastened
- short setting time allows for quick stabilization of fixed element, without the need for additional supports
- very easy to apply and shape

SUBSTRATE PREPARATION

The substrate should be stable, free of dust and other debris that could weaken the adhesion of the gypsum. Remove any loose elements with a wire brush. Carefully remove dust from installation chases. Moisten the substrate in the area where the gypsum is to be applied with water immediately before application. All steel components that may come into direct contact with the mortar must be protected against corrosion. Attention! The building gypsum cannot be used on metal, wooden and plastic substrates..

MORTAR PREPARATION

Pour the dry mix evenly into a container holding a measured amount of clean water, at a ratio of about 0.60 litres of water per 1 kg of gypsum, and then mix manually or mechanically until a homogeneous mortar without lumps and unmixed ingredients is obtained. Before mixing the next batch of mortar, clean the container thoroughly of the remains of the set mortar, because it may shorten the setting time of the next batch. Use the mortar within approx. 10 minutes.

METHOD OF APPLICATION

Apply the mortar with the use of stainless steel tools in suitable areas when filling cavities, fixing elements or embedding electrical junction boxes. Profile the mortar immediately to achieve the expected effect, e.g. to make it flush with the wall surface.

CONSUMPTION

Depending on the application.

PACKAGING

Paper bags 2 kg, 15 kg, 30 kg.



TOOLS

Low-speed drill with an agitator, bucket made of flexible plastic, stainless steel plastering tools (steel trowel, spatula, trapezoidal trowel). Clean tools with clean water directly after use.

SAFETY INFORMATION

Safety information is given on the product packaging and on the Safety Data Sheet, available at dolina-nidy.com.pl.

STORAGE AND TRANSPORT

Information on storage and transport is given on the product packaging and in the Safety Data Sheet, available at dolina-nidy.com.pl.

The shelf life of the product (best before use) is 12 months from the production date on the bag.

TECHNICAL DATA

Mixing ratio water / dry mix	approx. 0.60 l / 1 kg approx. 1.20 l / 2 kg approx. 9.00 l / 15 kg approx. 18,00 / 30 kg
Calcium sulphate content (CaSO ₄)	> 50 %
Pot life	approx. 10 minutes
Start of bonding	after approx. 3 minutes
Grain size	Residue on the 1,0 mm sieve not more than 0,5 %. Residue on 0,2 mm sieve not more than 15 %.
Substrate and ambient temperature	from +5° C to +25 C°

TECHNICAL REQUIREMENTS

The product is a construction product for which the technical specification is the harmonised European standard PN-EN 13279-1:2009 - Gypsum binder, for direct application or further processing, for internal use.

BUILDING GYPSUM DOLINA NIDA (2019) Declaration of Performance No. EC 01/1/CPR EN 13279-1:2008	
Intended use: General construction work	
Reaction to fire	A1

The information contained in the Technical Data Sheet is a basic guide to the use of the product and does not exempt from 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.

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