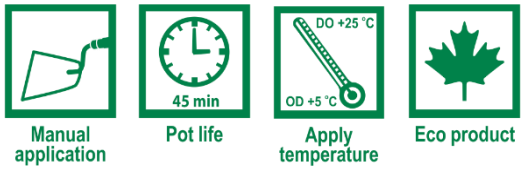
DOLINA NIDY
KLEJ GIPSOWY T

- for fixing plasterboards
- excellent adhesion to the substrate
- optimally selected setting time
- high durability



USE

- for fixing plasterboards and composite panels for thermal / acoustic insulation to interior walls. Attention - framing should be used to install plasterboards and panels on ceilings
- for filing in local gaps up to 20 mm in depth in substrates
- for use on substrates made of bricks, blocks, hollow bricks or other ceramic, sand-lime, concrete and cellular concrete elements

PROPERTIES

- gypsum adhesive produced on the basis of natural gypsum binders obtained by roasting gypsum rock, contains mineral fillers and components that make the gypsum mass plastic and very easy to work with,
- very high adhesive strength - ensures a durable and strong bond between the plasterboard and the substrate
- favourable working parameters - the adhesive is easy to apply and adapts easily to the shape and unevenness of the substrate during positioning and pressing of the panels
- Extended setting time - ensures comfortable working and the ability to freely position and adjust each panel to the desired final position
- low shrinkage after the adhesive has cured - the absence of internal deformation and stress in the adhesive bond layer ensures high bond stability.

SUBSTRATE PREPARATION

The substrate should be dry, stable and cleaned of dust, dirt, oil, grease, plaster residues, paint coatings and release agents. Note: All remnants of old plaster, smoothing, paint and other coatings that may weaken the adhesion of the adhesive to the substrate should be removed. All steel components that may come into direct contact with the adhesive should be protected against corrosion.

MORTAR PREPARATION

The dry mixture should be poured evenly into a vessel with a measured quantity of clean water at a ratio of approximately 0.50 litres of water per 1 kg of gypsum and allowed to stand for 3 - 5 minutes, and then mixed manually or mechanically until a homogeneous mass without lumps and undissolved components. The mass is suitable for use immediately after mixing and retains its parameters for about 45 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 grout.

METHOD OF APPLICATION

The technology of bonding plasterboards to walls depends on the degree of evenness of the substrate and the room's dimensions. If the substrate is even, the adhesive is applied to a board laid horizontally on the floor, point-wise, in the form of dabs with a diameter of ca. 10 cm and a thickness of ca. 2 cm, spaced at 25-40 cm intervals, and additionally a few stretched dabs along the board edge. After the adhesive has been applied, the board is lifted vertically (by two people) and pressed against the wall. A rubber mallet and a long batten can be used to fix the position of the boards. It is recommended to install two or three adjacent panels, which will make it possible to correct their position at the same time and ensure an even, flush surface. When fixing the plasterboards, leave gaps of about 10 mm between the plasterboard and the floor, and 5 mm between the plasterboard and the ceiling. These will allow free air circulation and allow the gypsum adhesive to set properly. The plasterboards should also not be in direct contact with each other - gaps of ca. 2 mm should be left between them. In the case of larger irregularities of the substrate or small dimensions of the room, it is recommended to apply the adhesive dabs directly to the wall - by varying their thickness and appropriate distribution on the wall, an even plane can be obtained. When the substrate is considerably uneven, exceeding 20 mm, it is recommended to preliminarily level the wall surface by fixing to it "on squares", at intervals of 60 cm, strips of plasterboard about 10 cm wide. The fixed strips should form a ladder arrangement, consisting of horizontal and vertical elements, forming an even plane.

Once the gypsum adhesive has set, the actual board layer is fixed to the prepared 'grid' thus. On very even substrates, it is possible to spread the adhesive with a notched trowel (tooth height 8 mm), only on the bottom surface of the board. Bonding and correcting the position of the board is possible for about 10-15 minutes after applying the gypsum adhesive (depending on the ambient temperature and absorbency of the substrate).

RECOMMENDATIONS FOR SURFACE TREATMENT

During drying, proper ventilation of the rooms must be ensured. The drying time depends, among other things, on the place of application and the thickness of the layer, as well as the temperature and humidity in the room.

RECOMMENDATIONS FOR FURTHER WORK

Jointing of the boards with GIPS SZPACHLOWOWY F or GIPS SZPACHLOWY DELTA may be commenced after the adhesive has set completely.

CONSUMPTION

On average, approximately 2.5 - 5.0 kg is used per $1m^2$, depending on the degree of evenness of the substrate and the adhesive method adopted.

PACKAGING

Paper bags 10 kg, 20 kg, 22.5 kg, 25 kg.

TOOLS

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

SAFETY INFORMATION

The product is hygienically approved by the PZH.

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 can be found on the product packaging and in the Safety Data Sheet, available at dolina-nidy.com.

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

TECHNICAL REQUIREMENTS

The product is a construction product with the technical specification according to harmonised European Standard 14496:2007 (Gypsum adhesive for composite panels used for thermal and acoustic insulation and for gypsum plasterboards. For use inside buildings).

GYPSUM ADHESIVE T DOLINA NIDA (2019) EC Declaration of Performance No. 08/1/CPR EN 14496:2005	
Intended use: General construction	
Reaction to fire (with direct exposure)	A1
Adhesion	≥ 0,06 MPa

TECHNICAL DATA

Mixture proportions water/dry mix	approx. 0.5 l / 1 kg approx. 5.0 l / 10 kg approx. 10.0 l / 20 kg approx. 11,25 l / 22,5 kg approx. 12.50 l / 25 kg
Conditions during the work	substrate and ambient temperature from +5° C to 25 C, ° room humidity up to 70%
Pot life	approx. 45 minutes
Minimum layer thickness	5 mm
Maximum layer thickness	20 mm
Gypsum binder content per $CaSO_4$	> 30%

NOTE

It is absolutely necessary to observe:

- proper storage of the product
- priming and proper preparation of substrates
- use of recommended render thicknesses
- appropriate humidity and temperatures of the substrate and the environment
- recommended plaster care

The manufacturer shall not be held liable for any consequences arising from 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.
The documents accompanying the product are available at dolina-nidy.com.co.uk.

Update date: 2022-12-13

Substrate type	Requirements	Preparation	Method of priming
masonry walls made from cellular concrete, lime-sandstone, ceramic, expanded clay,	seasoned for 2 to 3 months, substrate moisture content less than 3% (as determined by the CM method),	Clean the surface of the surface of dust, dirt, oil, grease, residues of paint coatings, etc. Chisel off any poorly bonded parts of the substrate or mortar, and clean any oily sections with a wire brush.	It is recommended to prime with the EURO-GRUNT Primer. Apply the preparation with a paint brush, brush or roller. Allow to dry completely (approx. 12 h, depending on external conditions).
concrete and reinforced concrete	Monolithic elements seasoned for 4-6 months, substrate moisture less than 3% (determined by CM method)	clean the surface of dust, dirt, oil, grease, residues of paint and release agents. Loosely bound parts of the substrate should be chipped and cleaned of of dust	Priming with INTER-GRUNT is required. Apply the preparation with a brush, brush, or painting roller. Leave until completely dry (approx. 24 h, depending on external conditions).