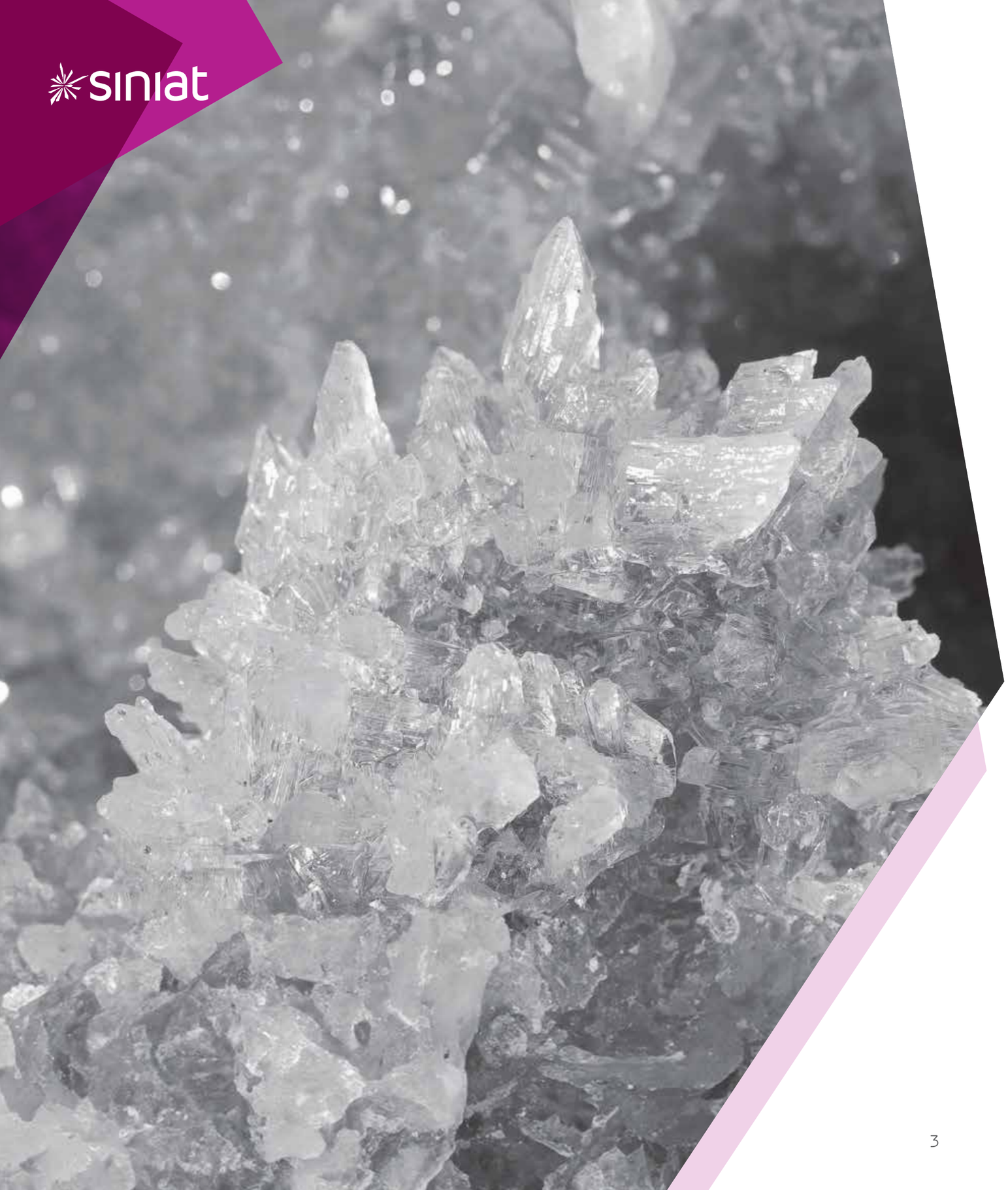
siniat

Adera Catalogue

Skimmings, plasters, compounds

etex inspiring ways of living



Contents

Who we are

From our start in 1905 Etex has been pioneering to become a global leader in lightweight construction solutions. Founded and still headquartered in Brussels, Belgium, Etex quickly expanded throughout Europe and the world. Permanent innovation and research in fire protection, plasterboard, fibre-cement and plastering technology, modular construction and engineering have allowed Etex to contribute to the transformation of the construction industry, building on its purpose to Inspire ways of living.

What we do

We improve our customers' quality of life with increasingly more efficient lightweight building solutions.

What motivates us

Creating value for our employees, customers, local communities, partners and shareholders.

etex inspiring ways of living

Our major brands

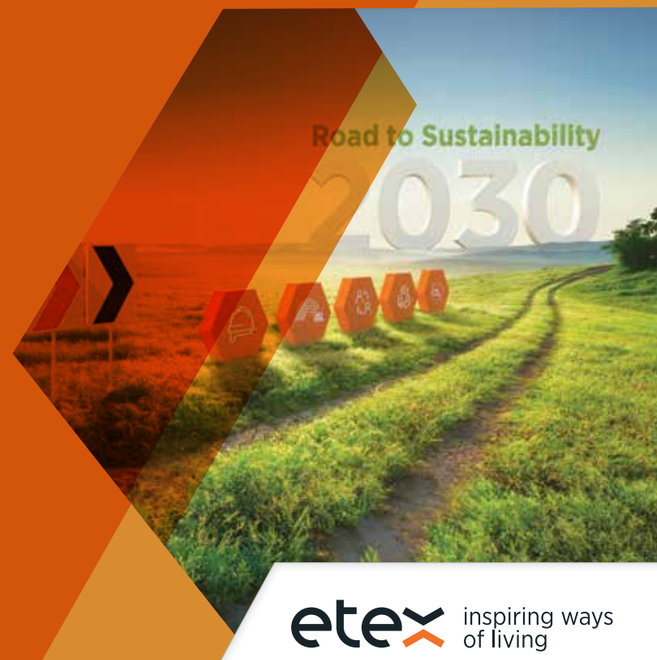
SINIAT · Promat · EQUITONE Fibre cement facade materials · URSA

Superboard · Euronit · PLADUR · Gyplac

Eternit · CEDRAL · DURLOCK · Kalsi

The road to sustainability 2030

"The road to sustainability 2030" from Etex is our plan to help build a better and sustainable future. We are working towards this vision by caring for society and environmental impact, developing innovative solutions for the construction industry.
Together, we are on an exciting journey towards improved sustainability in the short and long term.



Find out more on **www.etexgroup.com**

etex inspiring ways of living

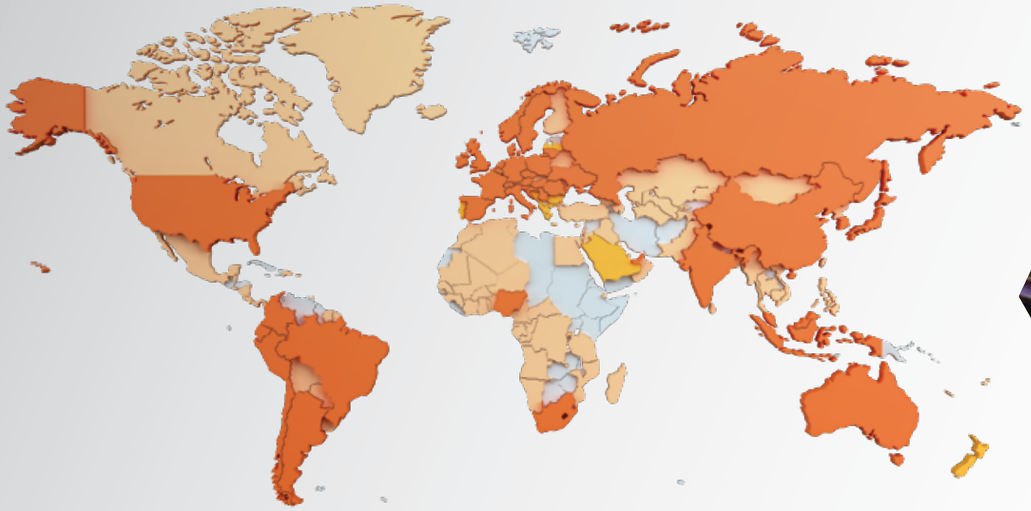
Etex Group worldwide

13,500 Employees

45 Countries

140 Factories

6 Innovation and technology centres



Etex in Romania

Our 5 technologies

1 Drywall

Plasterboard with a fibreglass-reinforced gypsum core whose surfaces and longitudinal edges are coated with a special multi-layer cardboard. For internal and external applications.

3 Passive fire protection and high-performance insulation materials

Fire resistant boards, paints, sprays and passive fire protection systems for residential, shopping, office buildings and industrial spaces.

4 Insulation products

Glass mineral wool and extruded polystyrene (XPS), two high-performance products guaranteeing an excellent quality of the insulation, for building envelope works, interior partitioning, floors, ceilings and air conditioning piping.

2 Fibre cement

Ventilated facade cladding for residential and public buildings, cladding for the agricultural industry and fibre cement products for patios and floors.

5 Systems and solutions

Lightweight steel structure solutions and high-density, wood-fibre boards for quick and easy on-site construction.

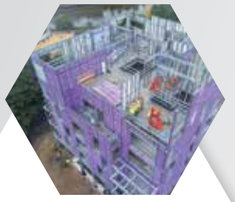
etex inspiring ways of living

Building a better and more sustainable world

What does sustainability mean for Etex?

Our ambition is to help transform industry by

...social engagement. Providing equal opportunities for all employees



...raising awareness of climate change in line with the world's urgent needs

...pro-nature behaviour through **business models integrating circular principles**

...the constant quest to build safer and healthier workplaces

Our fields and priority goals

OUR DAILY GOALS

Health, safety and welfare

- **0 deaths**
- **0 damage**
- **0 professional burnout**

GOALS FOR THE YEAR 2025

Commitment to customers

Development of a **sustainable action plan for each product**

Diversity, equity and inclusion

- Informing all Etex employees on the **internal policies and procedures concerning diversity, social equity and inclusion.**
- **Briefing all teams** on diversity, social equity and inclusion.
- **Elimination gender pay gaps between women and men**

GOALS FOR THE YEAR 2030

Decarbonisation

Reduce greenhouse gas emissions (Scope 1 and 2 intensity) by **35%.**[1]

Circularity

- Use of **more than 20% of circular resources as raw material**[1]
- **Zero waste to landfill**
- **Using 100% recyclable packages**; reducing plastic packages by **20%**
- Providing a **recovery service** for our materials in **80% of our partner countries in Europe**
- Redirecting **50%** % of our innovation resources towards **sustainability**

#roadtosustainability2030

Join us on the road to sustainability.

Local actions:

Plasterboards produced at Turceni are sold without wrapping. Since 2022, Siniat has been phasing out plastic foils used for packaging, accounting for 66,000 kg of plastic. "Over the past few years we have been at the forefront of building material manufacturers promoting the reduction of plastic packaging. We are proud that we have been able to phase out the plastic foil used to package plasterboard pallets at the Siniat Turceni factory."

Andrei Popa, Country Sales Manager Romania & SEE region

In 2023 we completed testing of our product range: building plasters, universal plasters, gypsum-based plasters as well as levelling, jointing and finishing plasters to determine their VOC emission levels, thus demonstrating their positive impact on the indoor environment in construction.

The tests were carried out by one of the leaders in such EUROFINS testing and resulted in Indoor Air Comfort GOLD and LEED v4 & v4.1BETA certification.

Siniat Environmental Product Declarations (EPDs) show the environmental impact of products, helping to achieve sustainable construction in the new design context according to nZEB requirements.

From the beginning of 2023 we have been progressively using low chassis vehicles for transport to reduce CO_2 pollution. Our goal is that in the next 5 years all transport will be done with such vehicles.

SILVER 2022 ecovadis Sustainability Rating

Etex is among the leading 25% companies assessed by EcoVadis.

Etex goal for the next 7 years is to build a better and more sustainable future in a smart and innovative way with the priority to use as much raw material as possible from the circular economy. Our target is to use 20% more raw material from recycling compared to 2018 levels and to reduce non-recyclable waste to zero by 2030.

etex inspiring ways of living

NO VOLATILE ORGANIC COMPOUNDS

Adera products are plasters and skimmings that have been accompanying our partners for years in building, revamping and finishing works and are also ecological and free of volatile organic compounds (VOC).

Indoor Air Comfort Gold CERTIFICATE

Adera products meet the requirements of the Indoor Air Comfort Gold® certificate. This is one of the most demanding certification processes which confirm Siniat's commitment to offer products of the highest quality and its contribution to the healthy macroclimate of rooms.

OPTIMAL INDOOR CLIMATE

Adera plaster plasters are warm, non-toxic plasters, they help create an optimal indoor climate, ensuring enhanced thermal comfort.

DURABLE AND ENVIRONMENT FRIENDLY

Adera products are durable and environment friendly building materials, being made of natural raw materials: gypsum and water, thus they do not contain pollutants or allergens, being perfect for people and the environment.

100% ECOLOGICAL AND RECYCLABLE

Gypsum has an established leadership position among clean ecological products for many years, being often also called 'recyclable forever". Gypsum products can be recycled and reused to create new building materials or for other uses, thus reducing the waste volume and contributing to sustainable resource management.

siniat

Skimmings

Skimmings provide a smooth and even finished surface, with a good adhesion, design flexibility, durability and versatility, being a sustainable and adequate option for indoor spaces

nida Effect

Ready-mix skimming plaster for indoor mineral surfaces

nida Effect is an indoor polymer skimming intended for coating walls and ceilings. Perfectly smooth surface is an excellent basis for subsequent works.

Scope of use

- Indoor polymer skimming intended for coating walls and ceilings.
- Perfectly smooth surface achieved is an excellent basis for subsequent works.

Features

- Fire protection class: A2-s1, d0
- Adhesion to the substrate: ≥ 0,3 MPa
- Consumption (for one application): cca. 1,5 kg / m²/mm
- Optimum thickness per coat: 1,0 - 1,5 mm
- Drying time (depending on environment and humidity): approx 24h
- Temperature of substrate surface and environment during application: between +5°C and +30°C
- Shelf life: 9 months
- Colour after drying: white
- Packaging: 5 kg bucket | 18 kg bucket

Benefits

- Easy to apply: creates an easy-to-sand surface;
- Low material consumption: approx. 1.5 kg/ m²/mm.
- Excellent adhesion to the substrate, significantly exceeding the standard requirements.

Substrate preparation

- The substrate surface must be dry, strong and stable. Before starting work, the substrate surface should be cleaned of dust and residues of the old paint coat and any impurities, such as oils and waxes, which may affect adhesion should be removed. The surface must not be wet or frozen. Surfaces affected by mould, moss or fungi must be cleaned beforehand;
- Before applying the product, the user must always check the substrate and decide whether it is necessary to use a primer.

Procedure

- Do not dilute the product. Before application by machine or with a roller, the product should be homogenised by processing with a mixer at low speed.
- The optimum thickness of a single coat is 1.0-1.5 mm. The next coat is applied only after the previous coat is completely dry. Manual or mechanical application (with a spray gun) should be done at ambient and surface temperatures between +5°C and +30°C.

Application

- Start applying the ready-mix skimming plaster after the substrate surface was prepared. The drying time of an applied coat is at least 24 hours depending on the ambient temperature and humidity.

Scan and find out more details

etex inspiring ways of living

nida Excellence

Self-levelling skimming

nida EXCELLENCE ready-mix inovative skimming is a thin, polymeric paste for finishing indoor flat surfaces. It is characterized by a good adhesion to the surface. It is easy to apply.
After mechanical application of the product, surfaces no longer require manual finishing.

No manual finishing is needed

Reduced labour costs

Mechanical application

Saves working time

Scope of use

- The product is intended for mechanical application of indoor mineral surfaces (plasterboard, gypsum plasters, filling coats). It is characterised by a perfect application and a high degree of whiteness, which is an excellent basis for subsequent painting.

Features

- Reaction to fire: A2-s1, d0
- Adhesion to surface: > 0,3 MPa
- Specific consumption (according to area): 1.5-2.5 kg/m²/mm
- Optimum thickness per coat: 1.0 - 1.5 mm
- Maximum thickness per coat: 2 mm
- Drying time: up to 24 h
- Surface and environment temperature during application: +5°C - +25°C
- Colour after drying: white
- Packaging: 25 kg
- Shelf life: 9 months

Benefits

- No manual finishing is needed;
- Reduced labour costs;
- Mechanical application;
- Saves working time;

Procedure

- nida Excellence ready-mix inovative skimming is produced as a paste, ready to use immediately after opening the packaging, upon previous mixing. No water should be added to the product. Before application, the product should be mixed gently with a mixer at low speed;
- Use a high-pressure airless machine to apply the product. Adjust the angle of application to the type of work being carried out. The use of a 529 nozzle is recommended. During application the working pressure should be at least 120-130 bar. The distance between the wall and the gun should be approx. 100 cm. The maximum thickness of the coat will be 2 mm when cross-applying (one pass vertically, the second horizontally). The product does not need any further finishing work. Before painting, the surface should be smoothed with 150-180 grit sandpaper;
- The paint can be applied after 24 hours, depending on working conditions: air temperature and humidity.

The dry surface should be sanded with sandpaper no later than 3-4 days after application. After this period, the coating will harden and become more resistant. Sanding is only possible after the coated surface is completely dry, vertically, horizontally and diagonally.

Scan and find out more details

FinnTex

Ready-mix skimming

FinnTex is a ready-mix, white plaster for use inside buildings with mechanical application. It is used for complete finishing skimming of mineral surfaces.

Very easy to apply

Self-levelling when applied at high pressure

Mechanical application

Can be applied also with roller

Finishing

Scope of use

- Ready-mixed white paste for indoor finishing. It is used for complete skimming of mineral surfaces, gypsum plasters, gypsum plasterboards, filler plasters.

Features

- Consumption on an area of 1 m^2 at a coat thickness of 1 mm: 1.8 kg/m^2
- Optimum thickness per coat: between 1.0 and 1.5 mm
- Maximum thickness per coat: 3 mm

Benefits

- Very easy to apply;
- Self-levelling when applied at high pressure;
- Can be applied with a roller

Procedure

- The substrate surface must be dry and clean. Before starting work, the substrate surface must be cleaned of loose particles or debris from previous coats and of any type of impurities. These limit adhesion and affect grip. The substrate must not be wet or frozen. The substrate surface must be cleaned of mould, moss, fungi or greasy substances;
- FinnTex is produced as a bag-packed paste, ready for application immediately after opening the bag;
- It is applied by machine, first horizontally and then vertically, at an ambient and substrate temperature between +5°C and +25°C;
- Recommended type of machine for self-levelling application: airless machine, recommended pressure: min 120 Bar, recommended nozzle: 427 - 430, depending on the type of machine used;
- The next coat should be applied once the previous one has dried;
- The product can also be applied with a roller. In this case, it is recommended that the substrate should be primed cu ADERA Primer Universal at dilution 1:3 with water. By application with a roller, the applied surface is considerably enlarged by up to 100%;
- The product must not be diluted and it is recommended to mix it before application;
- After application with a roller it is necessary to level out the surface with a roller.

Sanding should only be carried out after the surface is completely dry. The surface can be painted once the product is completely dry.

Scan and find out more details

etex inspiring ways of living

Adera **Liss**

Indoor finishing skimming

ADERA Liss is a white skimming, pre-dosed with special additives to be a durable foundation for wall finishing. When mixed with water, a homogeneous paste is formed, with long working time and higher workability. After drying, a smooth, uniform final surface is achieved, which is the last finishing coat.

Easy to apply

Excellent sanding even long after application

Low material consumption

Preparation

Mixing

Mechanical or manual application

Scope of use

- Ideal for exceptional finishing of plasterboards, levelling skimming and gypsum based plaster.

Features

- Composition: plaster, mineral compounds, additives
- Granulometry: 0- 200 pm
- Water requirement: 60% (12 litres/20 kg material)
- Adhesion: > 0.1 N/mm^2
- Working time: 90 - 120 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application: manual and with machine
- Application environment temperature: minimum 5°C - maximum 35°C
- Humidity of the application environment: maximum 60%
- Thickness of the material coat: 0-1 mm
- Specific consumption: 0.4-0.8 kg/m^2/mm
- Packaging: 5 kg bag | 20 kg bag

Benefits

- Very easy to apply, particularly smooth surfaces are achieved;
- Excellent sanding even long after application;
- Low material consumption.

Procedure

- Clean vessels and tools should be used to prepare the paste;
- Sprinkle powder in the water, never the other way around;
- Metal items will be embedded and protected against corrosion;
- Apply on stable, dry, and well-cleaned surfaces;
- Apply with a stainless-steel plastering trowel;
- Apply one coat or successive coats until a flat surface is obtained;
- The application thickness is 0 - 1 mm;
- If you want to sand the surface, use 180 - 220 grit sandpaper;
- It is used at temperatures higher than 5°C.

Protective measures

- Work with appropriate protective equipment, goggles and dust mask;
- Wear gloves when working for long periods;
- The bag should be lifted by bending the knees and keeping the back straight;
- Avoid dust in the environment;
- Do not discharge the product into the sewer system;
- Can be removed with biodegradable household waste.

Scan and find out more details

Adera **Finna**

Finishing skimming

ADERA Finna is a white plaster-based skimming, pre-dosed with special additives to be a durable foundation for wall finishing. When mixed with water, a homogeneous paste is formed, with long working time and better workability. After drying, a smooth, uniform final surface is achieved, which is the last finishing coat.

Scope of use

- To load, level and finish various types of surfaces, such as: renders based on cement, cement-lime, plaster, gypsum plasterboards;
- Can be applied "wet-on-wet", thus reducing the overall time to complete the work.

Features

- Composition: plaster, lime, minerals, adhesives
- Granulometry: < 200 pm
- Water requirement: 6-7 litres/10 kg material
- Work time: minimum 70 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application: manual or with machine
- Application environment temperature: minimum 5°C - maximum 35°C
- Humidity of the application environment: maximum 60%
- Thickness of the material coat: 1 - 3 mm
- Specific consumption: 1 kg/m²/mm
- Packaging: 20 kg bag

Benefits

- Easy to apply;
- Excellent adhesion.

Procedure

- Use clean vessels and tools to prepare the paste to avoid the need to shorten the work time;
- ADERA Finna gradually disperses in clean water;
- Leave the material in the vessel for about 3 minutes to give it time to hydrate, then mix with a mixer or by hand until a homogeneous paste is obtained;
- According to how flat the substrate is, before the plastering the entire surface, any prominent surface should be covered beforehand;
- Apply the material in multiple coats using a plastering trowel until smooth and flat surfaces are achieved;
- The surface can be worked to a higher finish without sanding by lightly wetting with a brush and then re-trowelling;
- The quality of the work depends on the degree of processing. For the rest of the work to be continued, wait until the skimming coated surface is completely dry;
- The drying time depends directly on the humidity, room temperature and ventilation conditions.

Scan and find out more details

etex inspiring ways of living

Adera **Plano**

Levelling skimming

ADERA Plano plaster based levelling skimming coat, pre-dosed with special additives, which provides a durable foundation for loading and levelling the walls. When mixed with water, a homogeneous paste is formed, with long working time and higher workability.

easy to apply | polishing | achieves flat surfaces ready for finishing

preparation | mixing | mechanical or manual application

Scope of use

- For levelling out and repair works;
- Ideal for finishing cement plasters and also for finishing less-processed plasters.

Features

- Composition: plaster, mineral compounds, additives
- Granulometry: 0- 400 pm
- Water requirement: 45% (9 litres/20 kg material)
- Adhesion: > 0.1 N/mm²
- Working time: > 70 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application: manual and with machine
- Application environment temperature: minimum 5°C - maximum 35°C
- Humidity of the application environment: maximum 60%
- Thickness of the material coat: 1-8 mm
- Specific consumption: 0.8-1 kg/m²/mm
- Packaging: 5 kg bag | 20 kg bags

Benefits

- Easy to apply;
- Easy polishing;
- Achieves flat surfaces ready for finishing.

Procedure

- Clean recipients and tools should be used to prepare the paste;
- Sprinkle powder in the water, never the other way around;
- Metal items will be embedded and protected against corrosion;
- Apply on load-bearing, stable, dry, well-cleaned and oil-free surfaces, with no loose areas or peeling;
- Apply with a stainless-steel plastering trowel;
- Apply one coat or successive coats until a flat surface is obtained;
- The application thickness is 0 - 1 mm;
- If you want to sand the surface, use 120 - 150 grit sandpaper;
- For glossy surfaces and highly absorbent surfaces, primers are recommended;
- It is used at temperatures higher than 5 °C.

Protective measures

- Work with appropriate protective equipment, goggles and dust mask;
- Wear gloves when working for long periods;
- The bag should be lifted by bending the knees and keeping the back straight;
- Avoid dust in the environment;
- Do not discharge the product into the sewer system
- Can be removed with biodegradable household waste.

Scan and find out more details

etex inspiring ways of living

A – PI 70

Levelling skimming

A - PI 70 is an indoor levelling skimming for mechanical or manual application with minerals and additives in composition.

PRODUCT FOR PROJECTS
AVAILABLE ONLY ON ORDER

easy to apply

very workable

preparation

mixing

mechanical or manual application

Scope of use

- Used for levelling or loading cement, lime-cement and plasters.

Features

- Specific consumption: 0.8 - 1 kg/m²/mm
- Maximum particle size: 0.3 mm
- Thickness of a coat: 2-10 mm
- Water needed: a minimum of 10-11 litres / 20 kg powder
- Setting time - initially: > 70 minutes
- Bending strength: > 1.2 N/mm²
- Compressive strength: > 2.5 N/mm²
- Adhesion: > 0.2 N/mm²
- Reaction to fire: A1
- Application environment temperature: minimum 5°C
- Shelf life: 12 months
- Packaging: 20 kg bag

Benefits

- Easy to apply with machine;
- Very workable.

Procedure

- Manual or mechanical application inside buildings for levelling and loading cement, lime-cement and plasters;
- Apply to clean surfaces free of dust;
- The product should be applied in a single coat and then finished with Adera Liss or Adera Finna finishing plaster;
- If a two-coat application is desired, the second coat must be applied before the setting has been completed, i.e. within one hour after the first coat has been applied.

Protective measures

- Work with appropriate protective equipment, goggles and dust mask;
- Wear gloves when working for long periods;
- The bag should be lifted by bending the knees and keeping the back straight;
- Avoid dust in the environment;
- Do not discharge the product into the sewer system
- Can be removed as biodegradable household waste.

Storage conditions

- Store and transport at positive temperatures, protect from freezing and excessive overheating;
- If frozen, the product should be left for a few hours in a warm room, and then mixed with a mixer at low speed;
- When conditions are met, the product has a shelf life of 12 months from the date of manufacture.

Scan and find out more details

siniat

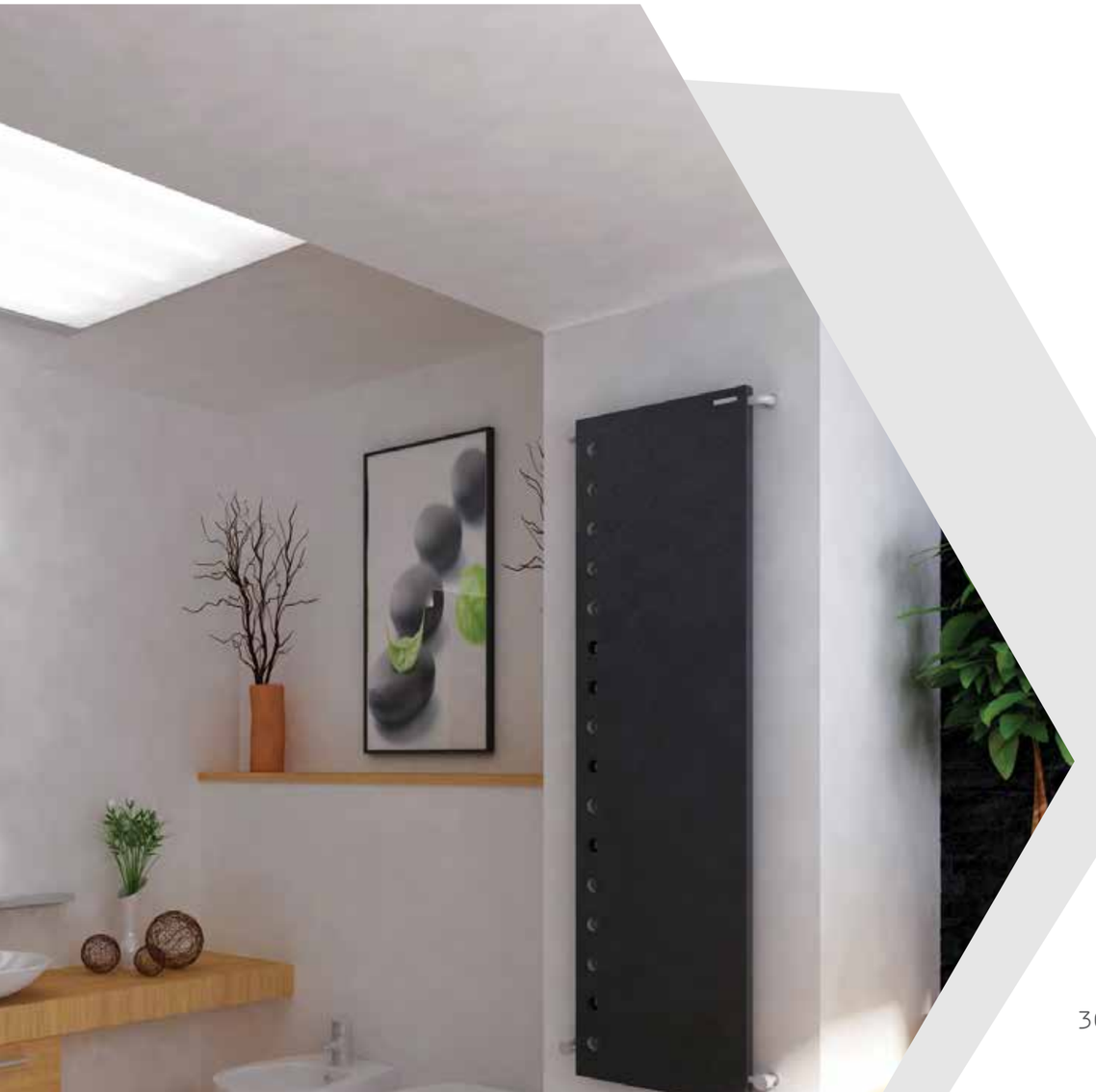
Plasters

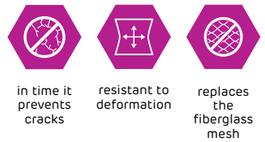
Plasters offers an excellent aesthetic finish, good adhesion, adjustment to indoor conditions and durability, making it the right choice for indoor applications.

Adera **Fybro**

Fiber-reinforced plaster

ADERA Fybro is a plaster reinforced with fibers. It was developed for manual application but can also be applied with a machine. Combined with water, it forms an homogenous paste with extended work time, easy to apply and prepare.





Scope of use

- For indoor plaster (walls, ceilings) resistant to deformation (bricks, ACC, concrete);
- For renovations;
- For ornamental plasters - "Vintage" type;
- At the joint between different types of support (concrete - brick, concrete - ACC, brick - ACC);
- To cover different types of equipment (such as cooling/heating systems).

Features

- Thickness of the material coat: 6 - 40 mm
- Specific consumption: 8 kg/m²
- Work time: > 90 minutes

Benefits

- In time, it prevents cracks;
- Resistant to deformation;
- Replaces the fiberglass mesh.

Advantages

- Replaces the fiberglass mesh - low cost of material (no mesh) and labour.
- Resistant to deformation;
- In time, it prevents cracks;
- Good adhesion to the substrate;
- Thermal insulation;
- Regulates the moisture in the room;
- It is non-combustible;
- Fast application - less operations (mesh no longer applies);
- It can be applied between 6 - 40 mm in one coat - more economical than multi-coat products;
- Low specific consumption;
- Can be finished up to Q3, according to the type of application - lower skimming coating costs;
- Extended work time - allows a second finishing step to achieve a better surface;
- It is a "warm" plaster due to the natural property of plaster;
- It is a "light" plaster. The structure of the building will be less loaded compared to other solutions such as cement plasters which are heavier and also require 2-3 skimming coats.

Procedure

- The joints between bricks/ concrete, the gaps in the walls and some imperfections of the wall will be filled before plasters.
- On very absorbent surfaces (aerated concrete, bricks) the primer ADERA Primer Universal will be applied;
- On non-absorbent surfaces (concrete) ADERA BetoPrimer will be applied;
- ADERA Fybro will be applied after the primers are completely dried (24 hours depending on temperature, season, thickness);
- Add water into a tank, then sprinkle the material and mix it to obtain a homogeneous paste. Not recommended to add the powder in the paste to avoid shortening of the work time;
- In the case of mechanical application, adjust the machine parameters to match the product characteristics. When the machine is switched off, do not keep the material in it for more than 30 minutes;
- Do not mix ADERA Fybro with other products to avoid changed behaviour;
- Application on the substrate is done manually, using plastering trowel, float or ladle;
- After application the material is levelled with screed or lamellar spatula;
- Application can be made in one or several successive coats;
- In the case of successive coats, the second coat will be applied approximately 60 minutes after the first, depending on site conditions (temperature, type of surface). To increase the adhesion of the second plaster coat, the first coat will remain unfinished, just level it with a notched trowel;
- The walls can be finished with ADERA Fybro in 2 ways:
- After levelling, moisten the surface with water and use the resulting paste as a skimming coat. In order to obtain a super-smooth surface a final coat of ADERA Liss skimming coat can be applied.
- After levelling, apply one to two skimming coats (Adera Finna or ADERA Liss, according to the finishing requirements).

Scan and find out more details

Adera **Strato**

Plaster for interior

ADERA Strato is a plaster for indoor mechanical or manual application. It is pre-dosed with special additives and perlite to provide a durable foundation for wall finishing and low material consumption. In combination with water, it forms a homogeneous paste with extended work time, good workability and a final white chalky surface.

good sound and thermal insulation

manual and mechanical application

skimming coat finish

regulates the moisture in the room

preparation

finishing

Scope of use

- Use for indoor plastering on brick, ACC and concrete substrates;
- Can also be used to repair old, damaged plasters;
- The substrate must be dry, free of dust and oil stains, efflorescence or brittle areas;
- Applied plaster must be protected from frost, direct sunlight and strong draughts.

Features

- Composition: plaster, minerals, additives
- Granulometry: 0-1.2 mm
- Water required (according to intended consistency): 17 litres/25 kg material
- Processing time: 120 minutes
- Reaction to fire: A1
- Shelf life: 9 months
- Application: manual or with machine
- Application environment temperature: minimum 5°C - maximum 35°C
- Humidity of the application environment: maximum 60%
- Thickness of the material coat: 7-40 mm
- Compressive strength: minimum 2.5 N/mm²
- Bending strength: minimum 1 N/mm²
- Thermal conductivity coefficient: λ = 0.26 W/mK
- Water vapour diffusion resistance factor: μ = 5
- Specific consumption: 8 kg/m²/cm
- Packaging: 25 kg bag

Benefits

- Good thermal and sound insulation increases quality of life;
- Manual and mechanical application;
- Skimming coat finish;
- Regulates room humidity - the wall breathes.

Scan and find out more details

Procedure

In the case of highly absorbent substrates, it is recommended to prime with ADERA Primer Universal to reduce water absorption from the plaster. In the case of concrete surfaces, priming with Adera BetoPrimer primer is recommended to increase the adhesion of the plaster to the substrate. The drying time of the primer should be at least 120 minutes. In order to achieve a flat surface, initially fix the metal markers (corrosion-resistant T-profiles) with ADERA Strato pats at intervals of 1.4 - 1.7m.
The markers may be built of strips of the same material. Corrosion-resistant corner profiles fixed with Adera Strato must be mounted.

- Mechanical application: Before application, the plastering machine must be connected to the water mains and electricity. After the machine is put into operation, the consistency of the paste must be adjusted before application;
- Always sprinkle the powder into the water and not the other way round, the required quantity of water for a 25 kg bag is 17 l;
- Mix a larger quantity in vats until a homogeneous paste with good working consistency is achieved, in order to increase productivity;
- Apply to the substrate using a plastering machine on large areas or by hand with a trowel on small areas;
- After a few minutes of application, level the plastering with a screed. After approximately 45-60 minutes after application, before hardening begins, corrections for uneven areas can be done on the applied surface by scraping/cutting with the screed. At intersections between wall planes or between walls and ceilings cut with trowel through the full thickness of the plaster;
- Approximately 120 minutes after plastering, the plaster is moistened and made even in circular movements with a sponge float until a creamy paste is achieved which allows the skimming coating. This paste helps to correct and finish the plaster surface. If perfectly smooth and flat surfaces are desired, the wetting and skimming coating should be repeated, the final quality of the surface being derived from the level of processing, the whiteness of the material and its superior smoothness.

Adera
Strato P

Plaster

ADERA Strato P is a plaster for indoor application. When combined with water, an homogeneous paste is formed, with long working time, easy to apply and prepare, with excellent plasticity and high productivity. The product is ideal for obtaining finished indoor plasters, saving additional material (minimum 1 coat of plaster) and related labour.

PRODUCT FOR PROJECTS
AVAILABLE ONLY ON ORDER

good sound and thermal insulation | skimming coat finish | good adhesion to substrate | regulates the moisture in the room

preparation | mechanicalor manual application | finishing

Scope of use

- Use for indoor plastering on brick, ACC and concrete substrates;
- Provides a fire barrier for the plastered wall.

Features

- Thickness of the material coat: 6 - 40 mm
- Specific consumption: 8 kg/m²/cm
- Longer work time: 100 - 130 minutes

Benefits

- Good thermal and sound insulation increases quality of life;
- Skimming coat finish;
- Good adhesion to the substrate;
- Regulates room humidity - the wall breathes.

Procedure

- The temperature of the working environment is a minimum of 5°C, including the substrate. Do not apply on overheated or frozen surfaces;
- It is recommended to use only indoors, with humidity below 60%; In the case of highly absorbent substrates, it is recommended to prime beforehand with ADERA Primer Universal primer to reduce water absorption from the plaster. In the case of concrete surfaces, priming with Adera BetoPrimer primer is recommended to increase the adhesion of the plaster to the substrate. The drying time of the primer should be at least 120 minutes. In order to obtain a flat surface, initially fix the metal markers (corrosion-resistant T-profiles) with ADERA Strato P pats at intervals of 1.5-2 m. Corrosion-resistant corner profiles are to be fitted to the outside corners and fixed with ADERA Strato P.

Before application, the plastering machine must be connected to the water mains and electricity. After the machine is put into operation, the consistency of the paste must be adjusted before application.

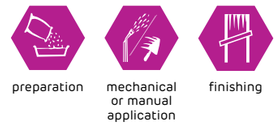
- The plastering should be applied with the plastering machine. For application, observe the recommendations of the equipment manufacturer.
- After a few minutes of application, level the plastering with a screed;
- At crossing between wall planes or between walls and ceilings cut with trowel through the full thickness of the plaster;
- Allow to rest until the hardening process begins;
- After hardening, check the flatness of the plastered surface with the aid of a straightedge;
- Wet the applied plaster and make it even it with a sponge float in circular movements until a creamy paste is achieved. This paste helps to correct and finish the plastered surface;
- After working with mason's float, finish with the plastering trowel until the surface is smooth and flat;
- In case of application on the ceiling, mechanical anchoring is recommended if the plaster is thicker than 1 cm.
- Depending on the processing of the ADERA Strato P plaster, it can be finished with the Adera plasters as follows:
- If the plaster is applied following all the recommended application steps, it does not require any further skimming;
- If the plastering is applied without insisting on the finishing, an Adera Liss final skimming coat should be applied afterwards to obtain a perfect surface;
- If the plastering is applied without the using the mason's float, apply then a coat of Adera Plano levelling plaster for perfect flatness and then a coat of ADERA Liss finishing plaster for an exceptional finish.

Scan and find out more details

Strato X

Spray plaster

ADERA Strato X is a Spray plaster for indoor application. When combined with water, an homogeneous paste is formed, with long working time, easy to apply and prepare, with excellent plasticity and high productivity. The product is ideal for obtaining finished indoor plasters, saving additional material (minimum 1 coat of plaster) and related labour.



Scope of use

- Use for indoor plastering on brick, ACC and concrete.

Features

- Specific consumption: 9.7 kg/m²/cm
- Longer work time: minimum 120 minutes
- Fire repellent - improves building safety

Benefits

- Good thermal and sound insulation increases quality of life;
- Excellent levelling, high working speed on the site;
- Regulates room humidity - the wall breathes.

Procedure

- The temperature of the working environment is a minimum of 5°C, including the substrate. Do not apply on overheated or frozen surfaces;
- It is recommended to use only indoors, with humidity below 60%;
- In the case of highly absorbent substrates, it is recommended to prime beforehand with ADERA Primer Universal primer to reduce water absorption from the plaster;
- In the case of concrete surfaces, priming with Adera BetoPrimer is recommended to increase the adhesion of the plaster to the substrate.
- Observe the drying time of the primer. In order to achieve a flat surface, initially fix the metal markers (corrosion-resistant T-profiles) with ADERA Strato X pats at intervals of 1.5 - 2m. Corrosion-resistant corner profiles fixed with ADERA Strato X are to be fitted to the outside corners;
- Before application, the plastering machine must be connected to the water mains and electricity. After the machine is put into operation, the consistency of the paste must be adjusted before application;
- The plastering is to be applied with the plastering machine. For application, observe the recommendations of the equipment manufacturer;
- After a few minutes of application, level the plastering with a screed;
- At crossing between wall planes or between walls and ceilings cut with trowel through the full thickness of the plaster;
- Allow to rest until the hardening process begins;
- After hardening, check the flatness of the plastering surface with the aid of a straightedge;
- Wet the applied plaster and make it even it with a sponge float in circular movements until a creamy paste is achieved. This paste helps to correct and finish the plastered surface;
- After working with mason's float, finish with the plastering trowel until the surface is smooth and flat.

In case of application on the ceiling, mechanical anchoring is recommended if the plaster is thicker than 1 cm.

Scan and find out more details

siniat

Primers

The use of primers in constructions brings benefits such as improved adhesion and durability of finishes, uniform absorption, prevention of peeling and effective surface preparation for various subsequent decorative materials.

etex inspiring ways of living

Adera **Primer Universal**

Primer

ADERA Primer Universal is a white synthetic resin dispersion primer with high capacity of penetration into the substrate. It contains synthetic resins, water and additives.

indoor application only

mechanical or manual application

Scope of use

- Priming of indoor absorbent surfaces;
- Priming of absorbent surfaces outdoors to reduce absorption and harden surfaces.

Features

- Consumption (depending on dilution rate): **dilution 1:1 - 0.1 kg/m²; dilution 1:2 - 0.07 kg/m²**
- Coverage (depending on dilution rate and substrate surface): **dilution 1: 1 - 100 m²/10 kg; dilution 1:2 - 150 m²/10 kg**
- Work time: **minimum 15 minutes**
- Work temperature: **> + 50°C**
- Density: **approx. 1000 g/dm³**
- pH: **approx. 7**
- Consistency: **liquid**
- Shelf life: **12 months**
- Packaging: **10 L can**

Procedure

- The substrate must be dry, unfrozen, strong, stable and clean, free of dust, non-stick debris, oil or grease stains;
- Test the absorbency of the substrate;
- Apply to common mineral substrates in construction: brick, ACC, water, lime cement renders, plaster, plasterboard;
- Do not use on plastic, metal substrates, paint coatings;
- The substrate surface is vacuumed and, if necessary, sanded or bush-hammered. It is recommended to check the adhesion of the coating material to the substrate;
- Can be diluted up to 1:2 with water. Optionally, it can be diluted 1:3, depending on the quality and absorption of the substrate (test on each site);
- It is recommended to shake the can before application.

Protective measures

- In case of contact with eyes, wash immediately with plenty of water and consult a specialist;
- May cause sensitivity in contact with skin;
- Use suitable gloves and keep out of reach of children.

Scan and find out more details

Adera **BetoPrimer**

Primer

ADERA BetoPrimer is a ready-mixed bonding primer for plasters when applied on concrete, it is composed of organic binders, water, quartz sands and additives.

recommended for concrete and smooth monolithic ceiling or prefabricated items

indoor application only

Scope of use

- Priming of smooth concrete substrates;
- Priming of mineral substrates with low absorption prior to the application of gypsum plasters;
- It is recommended for monolithic smooth concretes, monolithic concrete ceilings or precast elements;
- Indoor application only.

Features

- Consumption: approx. 0.4 kg/ m^2
- Coverage: approx. 50 m^2/bucket
- pH Value: approx. 7.5
- Colour: pink
- VOC content: <1 g/l
- Consistency: paste
- Density: 1.5 g/m^3
- Shelf life: 12 months
- Packaging: 20 kg bucket

Benefits

- Good adhesion to concrete.
- Easy processing;
- Substrate with appropriate roughness for plastering.

Procedure

- Surfaces must be dry, unfrozen, clean, free of efflorescence, brittle parts and traces of concrete release agent;
- The product is mixed in the bucket slowly with the mixer at low speed, the application consistency can optionally be adjusted by adding a little water. It is applied with a roller or a lime brush. It can also be applied with a machine. Allow to dry for a minimum of 12 hours depending on air and substrate temperature. The plaster can be applied when ADERA BetoPrimer is completely dry and no longer sticky;

Scan and find out more details

mixing

mechanical or manual application

- The substrate, air and material temperature must be above 5°C during application and until the material has dried out. Low temperatures and high humidity can significantly prolong drying times. In the bucket, quartz sand deposits must be re-mixed. The rules and regulations in force must be observed during application.

Do not start plastering on concrete surfaces with visible moisture (e.g. condensation water) or concrete with a moisture content of more than 4% by weight.

siniat

Building and modelling plaster

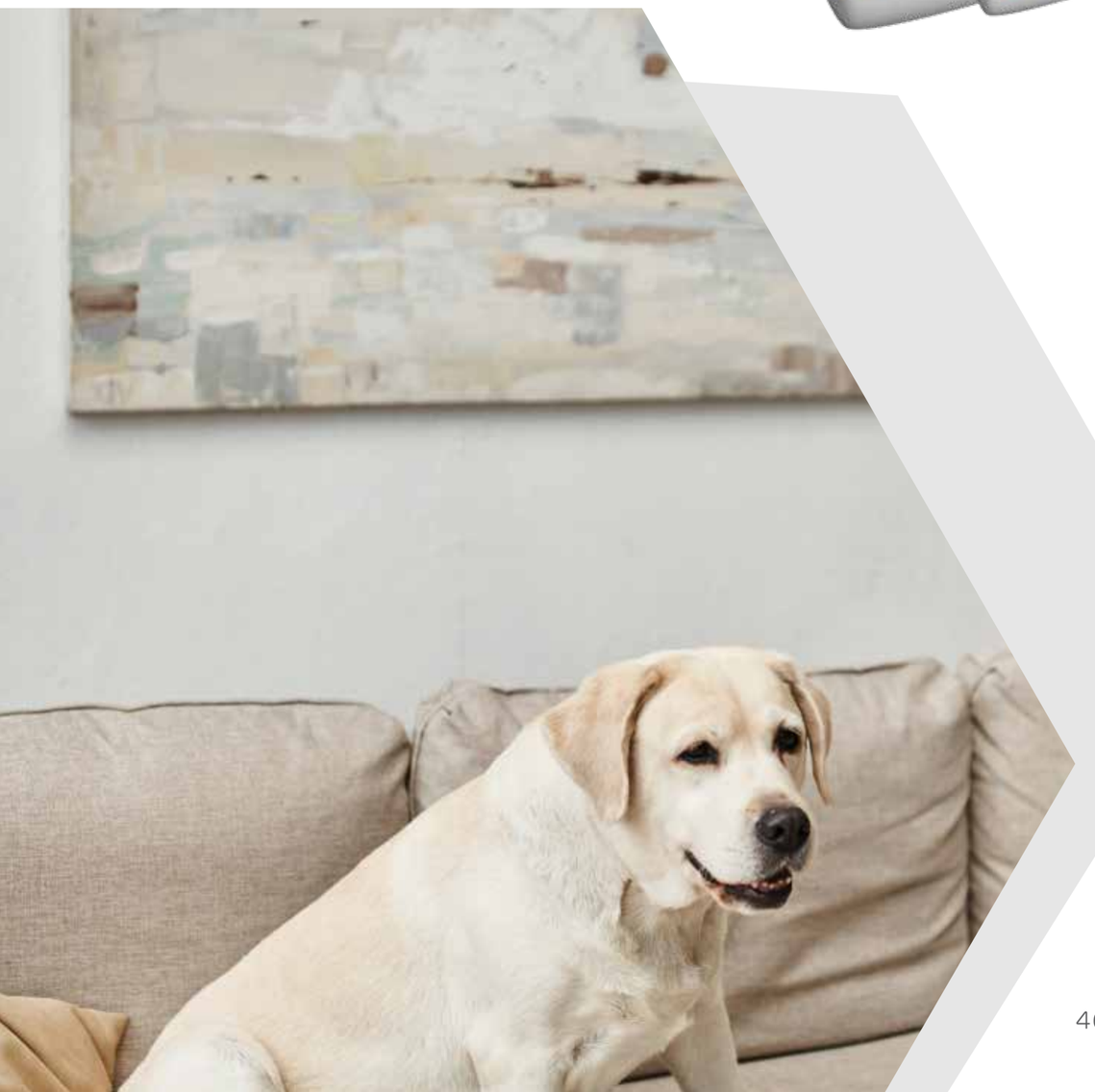
Building and modelling plaster is a natural, non-polluting material made by burning gypsum stone at high temperatures.
It provides uniform coverage, hides imperfections, has very good adhesion, is versatile and aesthetic.

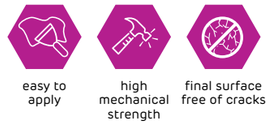
etex inspiring ways of living

Adera **Basic**

Building plaster

ADERA Basic is a white powdered plaster with semi-hydrated calcium sulphate as main component.
By sprinkling in water, a homogeneous paste is formed with optimal setting time and ideal workability. After drying, a strong and durable surface is achieved.





Scope of use

- Durable laying and fixing of built-in supports and electrical wiring;
- Pre-levelling and repair of substrate surfaces inside buildings.

Features

- Composition: semi-hydrated calcium sulphate
- Granulometry: 99%< 200 pm
- Water requirement: 0.6-0.7 litres/1 kg product
- Work time: minimum 11 minutes
- Reaction to fire: A1
- Resistance to bending (2 hours): minimum 2 N/mm²
- Resistance to compression (2 hours): minimum 3.8 N/ mm²
- Shelf life: 9 months
- Application: manual
- Application environment temperature: minimum 5°C - maximum 35°C
- Humidity of the application environment: maximum 60%
- Packaging: 5 kg bag | 25 kg bag

Benefits

- Easy to apply;
- Final surface free of cracks;
- High mechanical strength.

Procedure

Preparation

- Use a clean vessel to pour the water and add the plaster as fine powder all over the surface of the water;
- Leave the material for 2-3 minutes for the plaster to soak up the water to obtain the right working consistency (in case of mixing, reduce the working time by up to 30%);
- As it is a short setting plaster, we recommend preparing it in small quantities to prevent possible wastage.

Application

- The paste obtained is applied using a plastering trowel or spatula, with the possibility of applying a thick coat;
- The substrate must be dry, free of dust and oil stains, efflorescence or brittle areas.

Protective measures

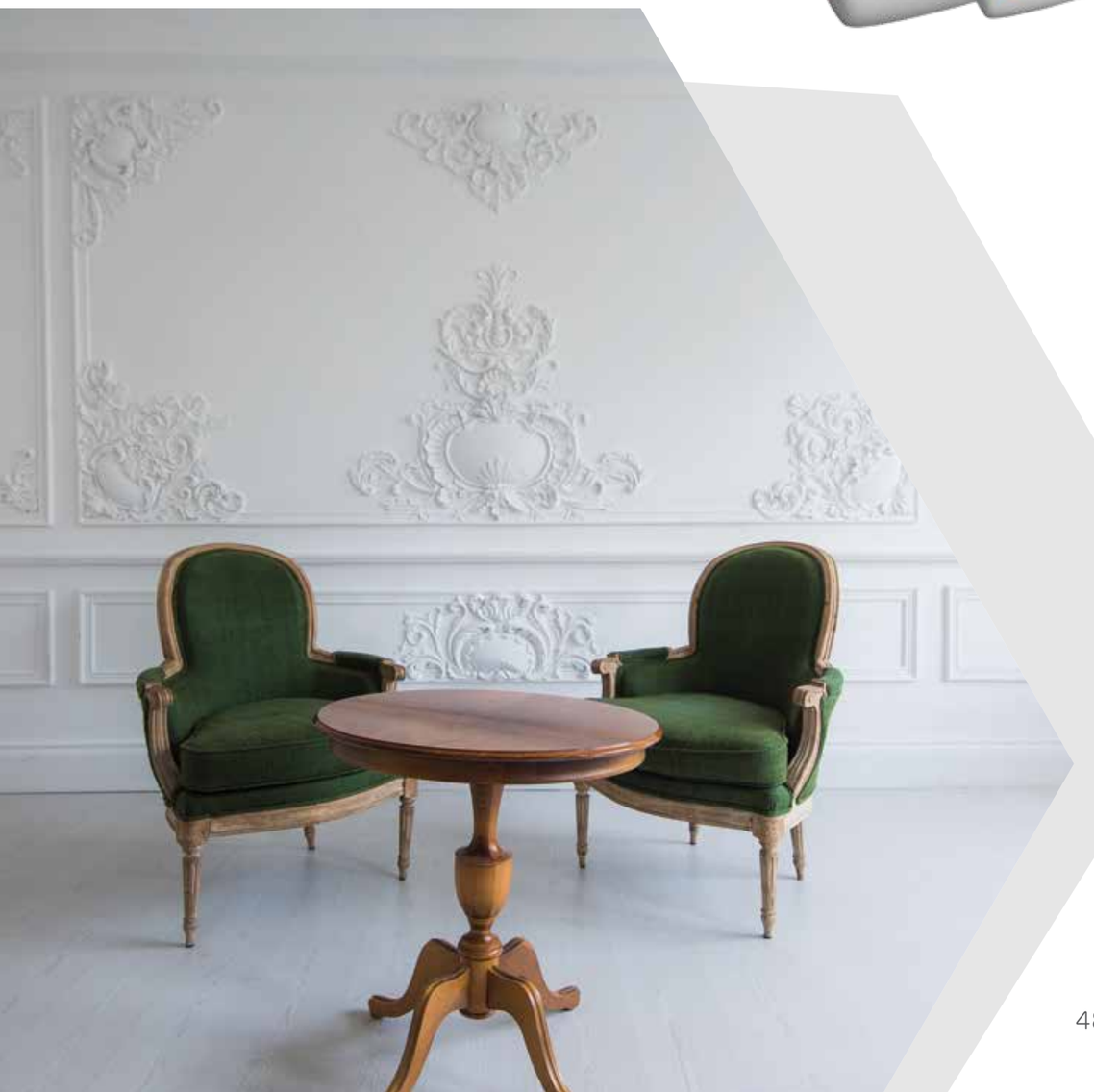
- Work with appropriate protective equipment, goggles and dust mask;
- Wear gloves when working for long periods;
- The bag should be lifted by bending the knees and keeping the back straight;
- Avoid dust in the environment;
- Do not discharge the product into the sewer system
- Can be removed with biodegradable household waste.

Scan and find out more details

Adera **Stucco**

Modelling plaster

ADERA Stucco is a white very fine powdered plaster with semi-hydrated calcium sulphate as main component. The product is obtained from properly selected raw material. By sprinkling in water, a homogeneous paste is formed with optimal setting time and ideal workability. After drying, a strong and durable surface is achieved.



easy to prepare and apply · high mechanical strength · very workable

preparation · no mixing · application

Scope of use

- Casting of moulds, ornaments, stuccoes used as indoor decorations: casings, friezes, galleries, cornices, corner mouldings, ceiling fittings, columns, gables, etc;
- The material is also suitable for finishing cement-based, cement-lime, gypsum-based indoor plaster as first coat plaster.

Features

- Use indoors
- Manual application
- Fast work time: 12 minutes

Benefits

- Easy to apply and prepare;
- Very workable;
- High mechanical strength.

Procedure

- In a clean vessel add water, then spread the plaster as a fine shower over the entire surface of the water;
- Leave the material for 2-3 minutes for the plaster to soak up the water and achieve the right working consistency;
- In case of mixing reduce the work time by up to 30%;
- It is recommended to mix the paste only when using it for mouldings, ornaments and stuccos;
- The plaster paste should be cast into ready-made fibreglass or rubber moulds in various shapes;
- Coat the mould with a solution to eliminate the adhesion of the plaster to the mould wall and for the easy removal of the mould;
- Cast a layer of prepared plaster paste into the mould. This layer should cover half the final thickness of the mould;
- The remaining plaster paste can be filled with reinforcing fibres. The resulting reinforcing paste is added to the mould, filling the second half of thickness;
- Allow to rest until the end of the setting. The pieces are taken off, fixed and stored to dry once the setting is complete;
- The obtained shapes, ornaments and stuccos have a high mechanical resistance. The quality of the forms, ornaments and stuccos depends on the degree of processing;
- For wall finishes, the resulting paste is applied in thin coats, using a plastering trowel, until smooth, flat, white surfaces are achieved.
- The substrate must be dry, free of dust and oil stains, efflorescence or brittle areas.

Scan and find out more details

Adera **Optim**

Multi purpose plaster

ADERA Optim is an additive plaster featuring increased adhesion and plasticity. When mixed with water, an homogeneous paste is formed, with long work time, allows to correct flatness.

excellent adhesion · advanced resistance · removes risks of cracks

preparation · no mixing · application

Scope of use

- Building of window sills, jambs:
- Fixing of electrical wiring, plastering corners;
- Big fills and repairs;
- Levelling/skimming coating of small surfaces;
- Bonding insulating panels;
- Bonding plaster ornamental items and plaster ceiling items;
- Fixing window and door corners;
- Bonding ACC bricks in indoor uses.

Features

- Composition: **calcium sulphate content >50%**
- Granulometry: **0- 200 pm**
- Water requirement: **5.5 litres/10 kg material**
- Adhesion: **> 0.07 N/mm²**
- Work time: **45 minutes**
- Reaction to fire: **A1**
- Shelf life: **12 months**
- Application: **manual**
- Application environment temperature: **minimum 5°C - maximum 35°C**
- Humidity of the application environment: **maximum 60%**
- Thickness of the material coat: **1-8 mm**
- Specific consumption: **1.5 - 2.5 kg/m²**
- Packaging: **10 kg bag**

Benefits

- Excellent adhesion;
- Advanced resistance;
- Removes risks of cracks.

Procedure

- Clean vessels and tools should be used to prepare the paste;
- Sprinkle powder in the water, never the other way around;
- Metal items will be embedded and protected against corrosion;
- Apply on load-bearing, stable, dry, well-cleaned surfaces, with no loose areas or peeling;
- Apply with a stainless-steel plastering trowel;
- For glossy surfaces (such as concrete) and highly absorbent surfaces, primers are recommended;
- It is used at temperatures higher than 5 °C.

Protective measures

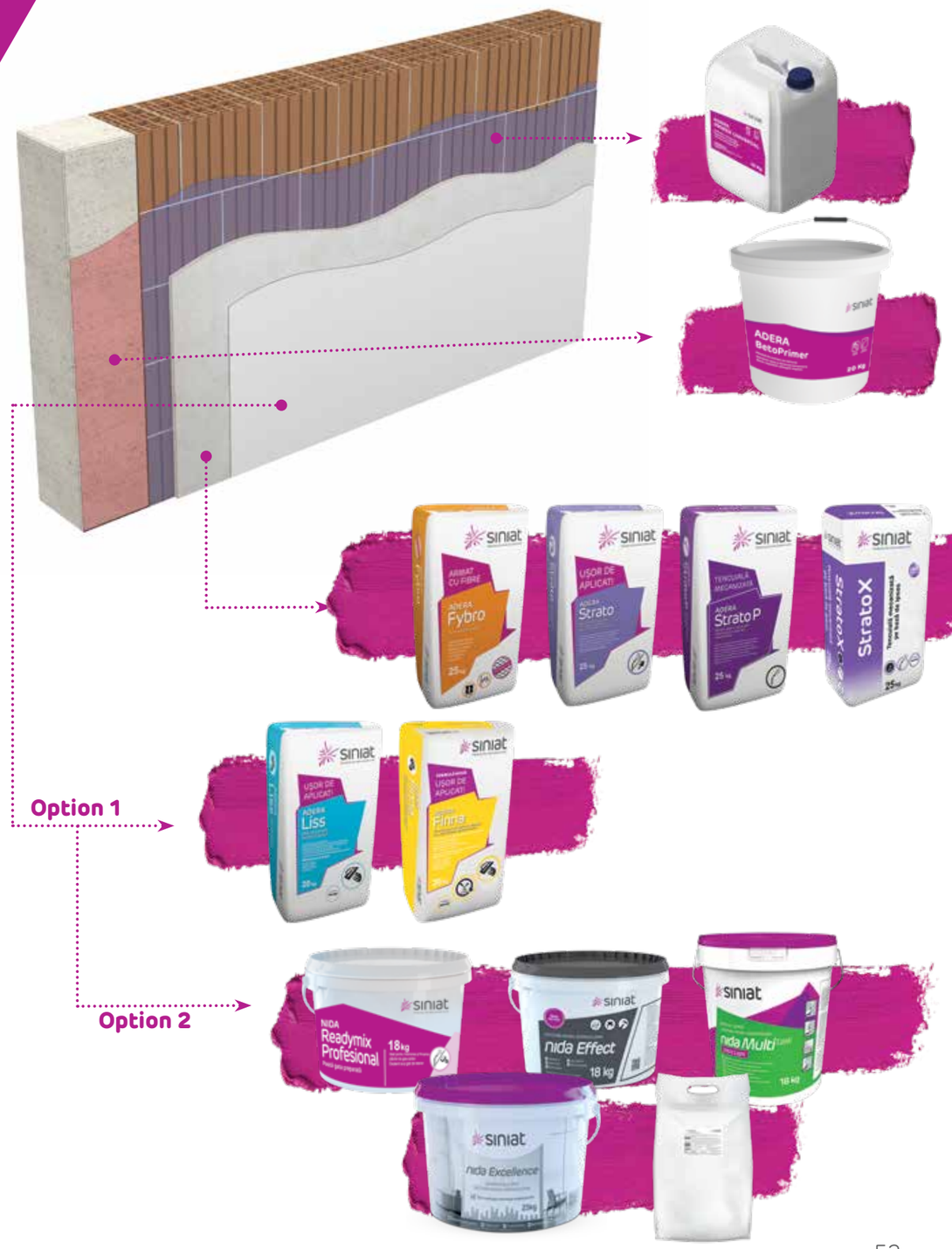
- Work with appropriate protective equipment, goggles and dust mask;
- Wear gloves when working for long periods;
- The bag should be lifted by bending the knees and keeping the back straight;
- Avoid dust in the environment;
- Do not discharge the product into the sewer system
- Can be removed as biodegradable household waste.

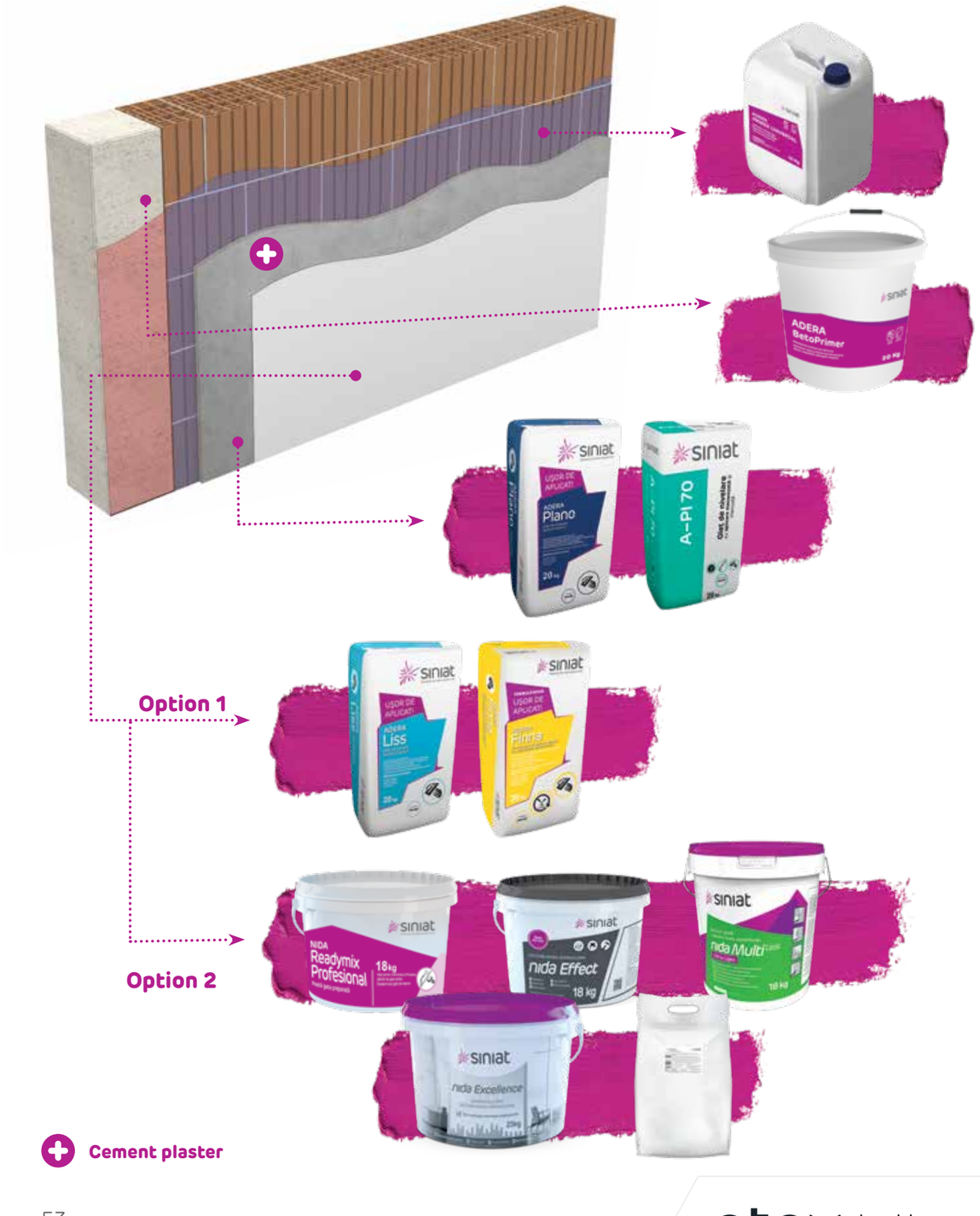
Storage conditions

- The bags should be stored on wooden pallets in a covered, dry and weatherproof place;
- In case of partial use, close the bag tightly so that it can be used in subsequent applications.

Scan and find out more details

Application of the complete





Cement plaster

siniat

Plasterboards compounds

The use of plasterboards compounds plaster provides a uniform and durable finish, covers screws and joints, facilitates the repair of imperfections and helps to improve the aesthetic appearance and sound insulation of the wall and ceilings.

etex inspiring ways of living

nida Multi Task

Ready-mix compound

nida Multi[task] is specially developed for joint treatment and **Q1-Q4 finishing** of plasterboards and features a perfect adhesion of the tape and no cracks in the board joints.

mechanical or manual application

low material ready-mix compounds -20 - 40%*

saves working time

tested product

up to 30% recycled material bucket

Scope of use

- Excellent paste for jointing plasterboards with reinforcing tape (Q1-Q2);
- Ideal for filling the entire plasterboard surface (Q3-Q4);
- Perfect for applying finishing skimming coat on mineral substrates.

Features

- Fire protection class: class A2-s1,d0
- Specific consumption (per application): approx. 1.0 kg/m²/mm
- Optimum thickness per coat: max. 3 mm
- Joint drying time: 24/48 h (according to temperature and moisture)
- Drying time (if applied all over the surface): approx. 2-2.5 h/mm (approx. temperature 25°C/70% relative moisture)
- Surface and environment temperature during application: +10°C +30°C
- Colour after drying: white
- Packaging: 18 kg bucket | 5 kg bucket

Benefits

- Excellent paste for jointing plasterboards with reinforcing tape (Q1-Q2);
- Ideal for filling the entire plasterboard surface (Q3-Q4);
- Perfect for applying the finishing skimming coat on mineral substrates;
- Lightweight formula, excellent performance and high efficiency;
- Can be sanded even days after application;
- Can be used in fire resistant systems.

Procedure

- The substrate surface must be dry, sufficiently solid and cleaned of all impurities;
- The product must be applied at an ambient and substrate temperature above 10°C;
- In the case of mechanical application, add 0.25 l of clean water per 18 kg of product;
- The optimum thickness of a coat is a maximum of 3 mm, the next coat should be applied after the previous one has dried;

Product approved and safe for health

- For our customers, a very important criterion in choosing a product is its safety, which is why we have selected all raw materials with extreme care;
- nida Multi[task] has been tested for volatile organic compounds (VOC) and the VOC content is below the minimum accepted threshold.
- Environmental care is one of our strategic goals, so when designing the packaging we chose a bucket made of up to 30% recycled materials that can be recycled further.

Scan and find out more details

etex inspiring ways of living

nida Readymix Profesional

Ready-mix compound

nida Readymix Profesional is a ready-mix, white paste for manual or by mechanical application inside buildings. It is used for the jointing and finishing of plasterboard and for complete skimming coating of mineral surfaces

easy to apply

super-white and smooth surfaces are achieved, ready for painting

mechanical or manual application

manual application with a roller

Scope of use

- Drywall systems to achieve a Q3 or Q4 finish;
- For full-surface finishing of walls and ceilings in mineral substrates, both manually and using machine;
- Finishes on drywall substrates, gypsum plaster, filler plaster;
- The resulting perfectly smooth surface is ideal as a substrate for paint, wallpaper and other decorative materials;

Features

- Consumption for applications on plasters, one application: **approx. 1.5 kg/m²/mm**
- Consumption for drywall systems, finishing Q3 or Q4: **approx. 0.5 - 0.6 kg/m²/mm**
- Optimum thickness per coat: **between 1.0 and 1.5 mm**

Benefits

- Reduced labour costs;
- Machine or manual application;
- Saves working time

Procedure

- **nida Readymix Profesional** is produced as a paste, ready to apply immediately after opening the box;
- Mechanical or mechanical application is done at an ambient and surface temperature of +5°C to +25°C; the paste should be applied to the surfaces by using a finishing trowel, a spatula or roller (manual application) or by spraying with a suitable finishing equipment (mechanical application).
- The paste can be applied after prior preparation of the surfaces. The substrate must be dry and clean. The drying time of a coat is at least 24 hours depending on the ambient temperature and moisture;
- In case of manual application of **nida Readymix Profesional**, use as a ready-mix paste immediately after opening the packaging;
- In the case of mechanical application, approximately 0.45 l of water is added to 18 kg of product and mixed at low speed with a mixer until a homogeneous consistency is reached;
- Plasterboard jointing and finishing system: for Q1 and Q2 finishing level, the use of **nida Profesional** jointing plaster is recommended. After the dryout, apply the paste **nida Readymix Profesional** all over the surface to achieve a Q3 or Q4 finishing;
- **Q1 FINISHING**: Fill the joints with **nida Profesional** jointing plaster and level all over the surface. Insert the glass fibre, paper or self-adhesive reinforcing tapes into the joints and then cover with the jointing plaster **nida Profesional**;
- **Q2 FINISHING**: Remove any residue and, after hardening, repeat the paste coating of the joint, using the **nida Profesional** jointing plaster, until the joint is flush with the surface of the boards. After drying, the surface may be sanded;
- **Q3/ Q4 FINISHING**: Remove or sand any residue from the Q2 finish. After the dryout, apply the paste **nida Readymix Profesional** all over the surface to achieve a Q3 or Q4 finish.

nida Readymix Profesional is applied manually or by mechanical after the ADERA Strato plaster or the ADERA Plano levelling plaster. Optimum coat thickness: 1 to 1.5 mm, the next coat to be applied after the first coat has dried out.
After drying, sand using 180 - 220 grit sandpaper.

Scan and find out more details

nida Profesional

Jointing and finishing

nida PROFESIONAL is a white plaster-based mineral powder, pre-mixed with professional quality mineral admixtures and additives to ensure increased adhesion and plasticity. When combined with water, an homogeneous paste is formed, with long working time and better workability.

easy to prepare and apply

perfect jointing

extended working time

Scope of use

- Levelling and finishing joints between plasterboards;
- This material is applied using micro-perforated paper tape suitable for low humidity areas, or using fibreglass weld backing tape for areas with fire or high humidity resistance requirements.
- Due to its extended setting time, it is the perfect solution for application in large construction sites.

Features

- Composition: plaster, mineral compounds, additives
- Granulometry: < 200 pm
- Water requirement: 4-4.5 litres/5 kg product
- Adhesion: minimum 0.30 N/mm^2
- Work time: 80 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application environment temperature: minimum 5°C - maximum 35°C
- Specific consumption: 250-300 g/m^2
- Packaging: 5 kg bag | 25 kg bag

Benefits

- Very easy to prepare and apply;
- Perfect jointing;
- Working time extended to: 80 minutes.

Procedure

The substrate must be dry, free of dust and oil stains. The boards must be firmly fixed on the mounting profiles.

- nida Profesional is gradually dispersed in the clean water required for mixing. Let the material in the vessel for approximately 4 minutes in order to allow time for hydration, then mix manually, so that the material will acquire the desired consistency to be used.

Scan and find out more details

redrawing of the jointing axis

paste application

tape application on the contact with the paste

removal of material excess and air pockets

application of the second material coat

application of the final coat

- Apply manually using the plastering trowel, first applying the first coat of material in the joints, carefully pressing the material;
- Using a spatula, press on the joint line between the boards, to allow the paste to penetrate inside the joint and to prevent any possible air pockets;
- This avoids material tension inside the joint after hardening and drying;
- Apply the tape by pressing with the spatula, and remove air pockets and paste excess from the joints;
- After drying, apply the second coat of material, covering the tape and the differences in flatness;
- Remove any material excess, then apply the finishing coat;
- In order to obtain a high quality final coat, it is recommended to use nida Readymix Profesional ready-mix plaster or ADERA Liss finishing plaster.

nida Profesional Fresh

Jointing and finishing

nida PROFESIONAL FRESH is a white gypsum-based mineral powder, pre-mixed with professional quality mineral admixtures and additives in order to ensure increased adhesion and plasticity. When combined with water, a homogeneous paste is obtained, with optimal working time, superior workability and lemon odour.

easy to prepare and apply | perfect jointing | extended working time

Scope of use

- Levelling and finishing of joints between plasterboards. The material is applied using micro-perforated paper tape suitable for low humidity areas, or using fibreglass weld backing tape for areas with fire or high humidity resistance requirements;
- Due to its short setting time, it is the perfect solution for application in small construction sites.

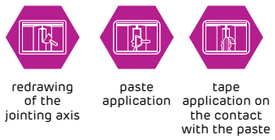
Features

- Composition: plaster, minerals, additives
- Granulometry: < 200 pm
- Water requirement: 4-4.5 litres/5 kg product
- Adhesion: minimum 0.25 N/mm²
- Work time: 50 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application environment temperature: minimum 5°C - maximum 35°C
- Specific consumption: 250-300 g/m²
- Packaging: 5 kg bag | 25 kg bag

Benefits

- Very easy to prepare and apply;
- Perfect jointing;
- Working time extended to: 60 minutes.

Scan and find out more details



redrawing of the jointing axis | paste application | tape application on the contact with the paste | removal of material excess and air pockets | application of the second material coat | application of the final coat

Do not forget about:

Connect

ULTRAMODERN TAPE
For plasterboard joints

Comfort

ULRAMODERN CORNER TAPE
For inner and outer plasterboard corners

Procedure

The substrate must be dry, free of dust and oil stains. The boards must be firmly fixed on the mounting profiles.

- nida Profesional Fresh is gradually dispersed in the clean water required for mixing. Let the material in the vessel for approximately 4 minutes in order to allow time for hydration, then mix manually, so that the material will acquire the intended consistency to be used.
- Apply manually using the plastering trowel, first applying the first coat of material in the joints, carefully pressing the material;
- Using a spatula, press on the joint line between the boards, to allow the paste to penetrate inside the joint and to prevent any possible air pockets;
- This avoids material tension inside the joint after hardening and drying;
- Apply the tape by pressing with the spatula, and remove air pockets and paste excess from the joints;
- After drying, apply the second coat of material, covering the tape and the differences in flatness;
- Remove any material excess, then apply the finishing coat;
- In order to obtain a high quality final coat, it is recommended to use nida Readymix Profesional ready-mix plaster or ADERA Liss finishing plaster.

Smart Top

Jointing and finishing

Smart Top is a white plaster-based mineral powder, pre-mixed with professional mineral additions and additives to ensure increased adhesion and plasticity. When combined with water, a homogeneous paste is formed, with long working time and higher workability.

Scope of use

- Levelling and finishing joints between plasterboards;
- This material is applied using micro-perforated paper tape suitable for low humidity areas, or using fibreglass weld backing tape for areas with fire or high humidity resistance requirements.
- Thanks to the optimal working time it is the perfect solution for applications in small construction sites and for renovations.

Features

- Composition: plaster, mineral compounds, additives
- Granulometry: < 200 pm
- Water requirement: 15.8 l / 17.5 kg product
- Adhesion: minimum 0.30 N/mm²
- Work time: 60 minutes
- Reaction to fire: A1
- Shelf life: 12 months
- Application environment temperature: minimum 5°C - maximum 35°C
- Specific consumption: 230-270 g/m²
- Packaging: 17.5 kg bag

Benefits

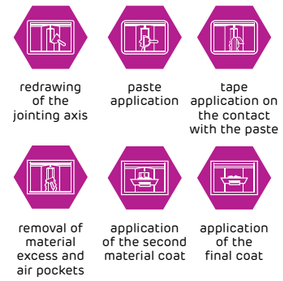
- Easy to apply;
- High adhesion and plasticity;
- Easy sanding.

Procedure

The substrate must be dry, free of dust and oil stains. The boards must be firmly fixed on the mounting profiles.

- Smart Top is gradually dispersed in the clean water required for mixing. Let the material in the vessel for approximately 2-5 minutes, in order to allow time for hydration, then mix manually, so that the material will acquire the desired consistency to be used.

Scan and find out more details



- Apply manually using the plastering trowel, first applying the first coat of material in the joints, carefully pressing the material;
- Using a spatula, press on the joint line between the boards, to allow the paste to penetrate inside the joint and to prevent any possible air pockets;
- This avoids material tension inside the joint after hardening and drying;
- Apply the tape by pressing with the spatula, and remove air pockets and paste excess from the joints;
- After drying, apply the second coat of material, covering the tape and the differences in flatness;
- Remove any material excess, then apply the finishing coat.

nida Boardfix

Bonding compound

nida BOARDFIX powdered bonding compound, pre-dosed with gypsum based mineral admixtures and additives of professional quality, characterized by increased adhesion and plasticity. In combination with water, a pink homogeneous paste is formed, with extended work time and possibility of prolonged flatness correction.

very good adhesion to substrate | high mechanical strength | long working time

preparation | mixing | application

Scope of use

- For the execution of plasterboard claddings on surfaces made of ACC blocks, bricks, concrete, (cement, lime-cement, plaster) plasters;
- For bonding together insulating panels, repairing of cracks or filling of joints thicker than 3 mm;
- The substrate must be dry, free of dust and oil stains, efflorescence or brittle areas;
- The substrate will be primed at the bonding points.

Features

- SO3 Content: **> 30%**
- Granulometry: **< 200 pm**
- Water requirement: **5.4 litri/10 kg product**
- Setting time: **minimum 70 minutes**
- Adhesion: **minimum 0.25 N/mm²**
- Reaction to fire: **A1**
- Shelf life: **12 months**
- Application environment temperature: **minimum 5°C - maximum 35°C**
- Average consumption: **3.5kg/m²**
- Relative humidity: **maximum 80%**
- Use: **indoors**
- Packaging: **25 kg bag**

Benefits

- Very good adhesion to the substrate;
- High mechanical strength;
- Long work time.

Procedure

- **nida Boardfix** is gradually dispersed in the clean water required for the mixture, then it is manually or mechanically mixed until the complete homogenization of the paste;
- Before placing the bonding compound, check the substrate flatness beforehand; the clearance between the substrate and the plasterboard should be minimum 5 mm and maximum 25 mm in order to obtain the necessary cohesion;
- The first step consists in lining out the future surface contour by means of the lead thread, measuring tape and oxide thread. Apply the bonding cakes on the back of the board, disposed in 10 points per square meter, with a diameter of 10 cm each, at distances of 30 cm over the board width and 40 cm over the board length.
- After completing the material application, fix the board on 2 spacers of 1 cm, which will support the board on the mounting. Then fix the board to the substrate for bonding, taking care to obtain a continuous surface. The flatness is acquired and corrected by means of the screed by pressing and slightly tapping the board vertically, horizontally and diagonally.

Scan and find out more details

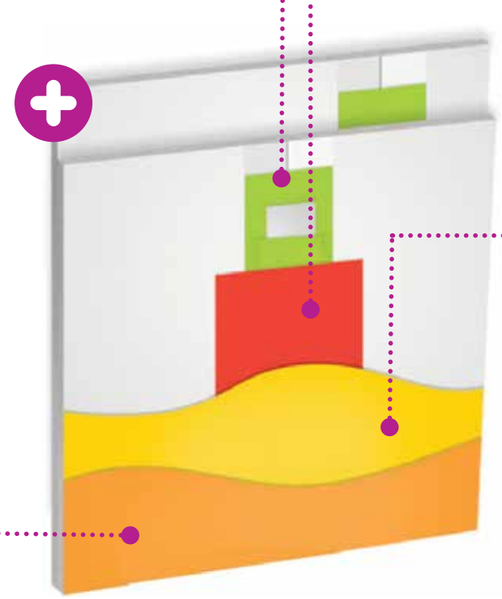
Finishing
on plasterboards

There are four plasterboard finishing levels in construction, noted from Q1 to Q4.
They are characterised by the following aspects:

Finishing level	Details in use
Finishing level Q1 refers to plasterboard surfaces without any aesthetic requirements (substrate ready for ceramic tiles, for instance). Finishing level Q1 includes filling of joints between plasterboards, sealing of joints with adjacent items, covering of screw heads and cavities.	 jointing paste + joint tape
Finishing level Q2 is the finishing level where joints are levelled and sanded to create a uniform surface with plasterboards that is visible under standard lighting conditions. When the surfaces are lit in parallel with the wall surface, the joints may be visible due to the different textures and absorption of the board and the protrusions of the perpendicular joints. This is more visible when glossy paints are used and it is dark. The basic finish is similar to the Q1 finish level. Finish the plaster applications until the joints are smooth with the board surface.	 Q1 + 20 cm left-right applied tapes
Finishing level Q3 is required for surfaces with high aesthetic requirements. Visible negative effects with unfavourable lighting are minimal, but cannot be completely excluded. The finishing level includes a basic finish similar to the Q1 finishing level and finishing of the entire surface with a minimum 1 mm coating, which aims to even out the entire surface, texture and absorption level of the entire wall.	 Q2 + 1 skimming coat all over the board surface
Finish level Q4 is applied to surfaces with the highest aesthetic requirements, with complete removal of visible joints, regardless of the type of lighting, and includes a base finish similar to finish level Q1 and covering the entire surface with a thin coat of up to 3 mm of moulding plaster.	 Q3 + 1 ultra-thin skimming coat all over the board surface

Q1= jointing paste +
joint tape

Q2= Q1 + 20 cm left to right of
applied tapes



Q3= Q2 + 1 skimming coat
all over the board surface

Q4= Q3 + 1 ultra-thin skimming
coat all over the board surface

Certifications and performance criteria

MINISTERUL DEZVOLTĂRII, LUCRĂRILOR PUBLICE ȘI ADMINISTRAȚIEI
CONSILIUL TEHNIC PERMANENT PENTRU CONSTRUCȚII

Agrement Tehnic
001SC-04/853-2022

PRODUSE PENTRU FINISAJE INTERIOARE: AMORSE ȘI BENZI DE ROST
PRODUITS POUR FINITION PAR DE INTÉRIEUR: PRIMERS ET JOINT BANDES
FINISHING PRODUCTS FOR INSIDE: PRIMERS AND JOINING STRIPS
PRODUCTE FÜR ENDARBEITEN FÜR INNEN: GRUNDIERUNGEN UND VERBINDUNGSSTREIFEN
COD: 21

PRODUCĂTOR: *ETEX BUILDING PERFORMANCE SA*
București, sector 3, Str. Vulturilor nr. 98, et. 5-6
Tel.: 031 / 224 04 45

TITULAR AGREMENT TEHNIC: *ETEX BUILDING PERFORMANCE SA*
București, sector 3, Str. Vulturilor nr. 98, et. 5-6
Tel.: 031 / 224 04 45

ELABORATOR AGREMENT TEHNIC:
Institutul Național de Cercetare-Dezvoltare în Construcții, Urbanism și Dezvoltare Teritorială Durabilă, Succursala Cluj-Napoca
Calea Florești, nr. 117, cod 400324, tel/fax: 0264 420988, 0264 419443, [redacted]

GRUPA SPECIALIZATĂ NR. 4: " FINISAJE, PROTECȚII ANTICOROZIVE ȘI SPECIALE, TENCUIELI, PLACAJE ȘI PARDOSELI "

Prezentul agrement tehnic este valabil până la data de 23.11.2025 numai însoțit de AVIZUL TEHNIC al Consiliului Tehnic Permanent pentru Construcții și nu mai lung de certificat de calitate

LRQA

Certificat de Aprobare

Acest certificat atestă că Sistemul de Management al:

ETEX BUILDING PERFORMANCE SA

Str. Vulturilor, Nr. 98, Et. 5-6, Sector 3 030857, București, Romania

A fost aprobat de către LRQA în conformitate cu următoarele standarde:

ISO 14001:2015, ISO 9001:2015, ISO 45001:2018

Număr de aprobare: ISO 14001 – 0027264, ISO 9001 – 0027265, ISO 45001 – 0027266

Acest certificat este valabil numai împreună cu anexele care au același număr de certificat și care precizează liste sediilor incluse în certificare.

Aprobarea este aplicabilă următorului domeniu:

ISO 14001:2015
Producție, procesare și comercializare gips, ipsosuri, ipsosuri formulate, tencuieli, glet și plăci de gips carton. Comercializare sisteme de gips carton și produse asociate.

ISO 9001:2015
Producție, procesare și comercializare gips, ipsosuri, ipsosuri formulate, tencuieli, glet și plăci de gips carton. Comercializare sisteme de gips carton și produse asociate.

ISO 45001:2018
Producție, procesare și comercializare gips, ipsosuri, ipsosuri formulate, tencuieli, glet și plăci de gips carton. Comercializare sisteme de gips carton și produse asociate.

Paul Graaf
Area Operations Manager, Europe
Emis de: Lloyd's Register (Romania) Srl
pentru și în numele: Lloyd's Register Quality Assurance Limited

etex inspiring ways of living

Produsele din gama Adera au obținut calificativul maxim în testele de VOC
VOC: compuși organici volatili

Sute de articole de uz casnic, inclusiv mobilier, vopsea și electronice, emit compuși organici volatili care, atunci când sunt prezente în cantități ridicate, pot duce la riscuri mari pentru sănătate. Compușii organici volatili sunt gazele care sunt emise în aer prin produse sau procese. Unii compuși organici volatili pot provoca cancer.

Substanțele organice volatile pot fi de origine naturală sau artificială (create de către om prin procesele de producție). Cele de natură artificială influențează sănătatea și dispoziția oamenilor prin dezechilibre la nivelul organismului.

Conform celor mai recente studii, concentrațiile de VOC sunt, în mod constant, mai mari în interior (de până la zece ori mai mari) decât în aer liber. Chiar și la niveluri scăzute, compușii organici volatili pot prezenta probleme serioase de sănătate. Prin reducerea nivelurilor de VOC la domiciliu, pot fi prevenite crizele de astm și simptomele de alergie.

Compușii organici volatili sunt emiși de o gamă largă de produse și activități:

- Vopsea, lacuri, adezivi;
- Covoare, podea de vinil;
- Produse din lemn presat;
- Tapițerie, spumă și curățătorie chimică;
- Produse îngrijire personală și de uz casnic, odorizante.

SOURCES OF VOCs

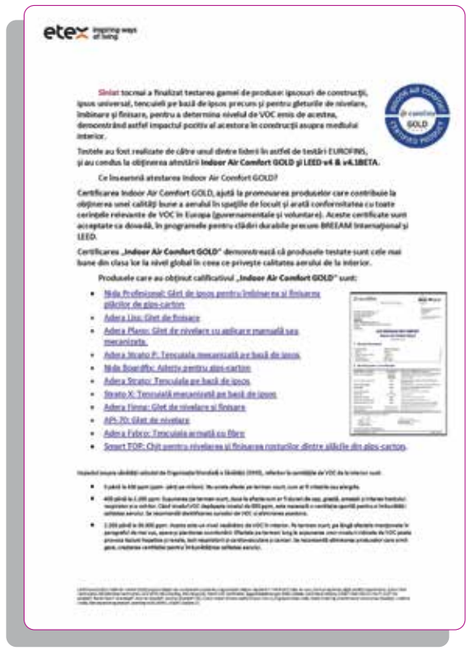
Măsuri de prevenție:

- La construcția casei utilizați materiale și produse care nu emit sau au niveluri scăzute de VOC;
- Optați pentru utilarea casei cu produse cât mai puțin procesate (industrial);
- Aerisiți mai des locuința după instalarea mobilierului nou.

Într-o lume într-o continuă schimbare în care impactul asupra mediului a devenit din ce în ce mai important, iar oamenii au devenit din ce în ce mai conștienți și atenți la calitatea vieții, Etex, depune eforturi constante pentru a dezvolta și adapta produsele sale, în a avea un impact pozitiv asupra mediului înconjurător.

Astfel, Etex a dezvoltat plăci din gips carton ce reintă la unsitate extremă fără ca murugaiul să apară (**Aquaboard**) sau plăci ce contribuie la confortul acustic în locuințe (**Nida Acustic**).

În plus, cu o atitudine proactivă pentru o dezvoltare sustenabilă, stare de bine și sănătate, Siniat a dezvoltat **tehnologia activă CAPT'AIR®** pentru toate plăcile din gama **CREATEX/CREASON**, care captează și transformă formaldehida în compuși neutri. Aceste caracteristici au fost măsurate și dovedite în cercetări științifice independente, extinse și confirmate în condiții de laborator.



etex inspiring ways of living

Siniat tocmai a finalizat testarea gamei de produse ipsoturi de construcții, ipsos universal, tencuieli pe bază de ipsos precum și pentru gleturile de nivelare, îmbinare și finisare, pentru a determina nivelul de VOC emis de acestea, demonstrând astfel impactul pozitiv al acestora în construcții asupra mediului interior.

Testele au fost realizate de către unul dintre liderii în astfel de testări EUROFINS, și au condus la obținerea atestării **Indoor Air Comfort GOLD și LEED v4 & v4.1BETA.**

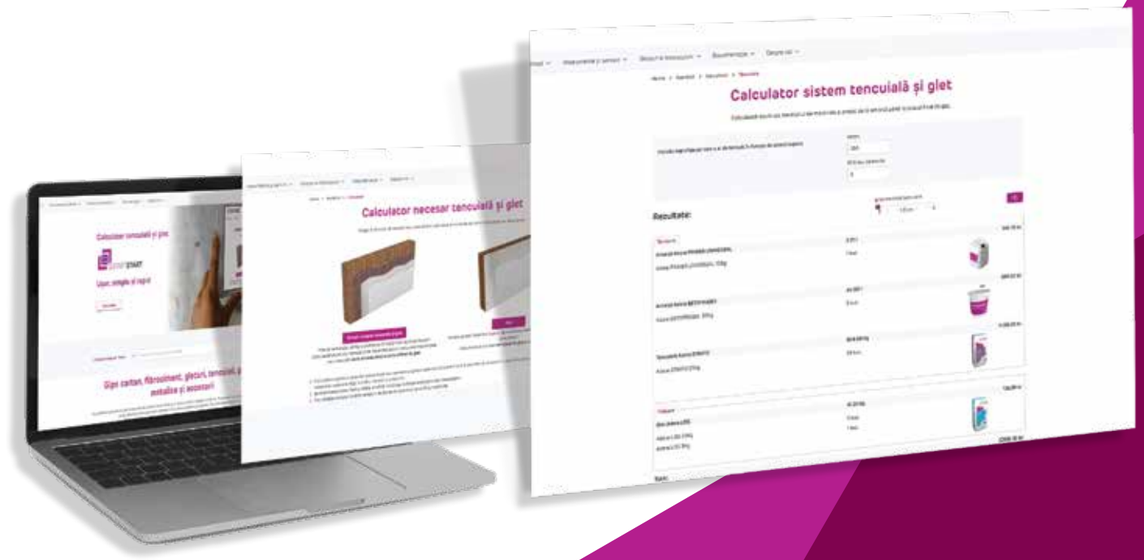
Ce înseamnă atestarea Indoor Air Comfort GOLD?

Certificarea Indoor Air Comfort GOLD, ajută la promovarea produselor care contribuie la obținerea unei calități bune a aerului în spațiile de locuit și arată conformitatea cu toate cerințele relevante de VOC în Europa (guvernamentale și voluntare). Aceste certificate sunt acceptate ca dovadă, în programele pentru clădiri durabile precum BREEAM Internațional și LEED.

Certificarea **„Indoor Air Comfort GOLD"** demonstrează că produsele testate sunt cele mai bune din clasa lor la nivel global în ceea ce privește calitatea aerului de la interior.

Produsele care au obținut calificativul **„Indoor Air Comfort GOLD"** sunt:

- Nida Profesional: Glet de ipsos pentru îmbinarea și finisarea plăcilor de gips-carton
- Adera Lisa: Glet de finisare
- Adera Mano: Glet de nivelare cu aplicare manuală sau mecanizată.
- Adera Strato P: Tencuiala mecanizată pe bază de ipsos.
- Nida Boardfix: Adeziv pentru gips-carton
- Adera Strato: Tencuiala pe bază de ipsos
- Strato X: Tencuială mecanizată pe bază de ipsos
- Adera Finna: Glet de nivelare și finisare
- AFI-70: Glet de nivelare
- Adera Fabro: Tencuiala armată cu fibre
- Smart TOP: Chit pentru nivelarea și finisarea rosturilor dintre plăcile din gips-carton.



Required skimming and plaster calculator

Choose, according to your needs, one of the two calculation tools developed by Siniat

The calculator for mechanical or manual skimming and plastering is a tool that allows you to easily and accurately calculate the quantity of materials required (kg), the number of bags and their price.

It saves time, money and effort, avoiding waste or undervaluing the quantity of materials.

You can adapt the calculation to different types of projects, substrates, thicknesses and materials.

Scan and find out more details

etex inspiring ways of living

Distribution services

We offer SINIAT partners excellence in delivery quality, from order confirmation to invoicing:

- Permanent information on order status - order confirmation, cargo loading confirmation by SMS, prompt delivery of related documents.
- Competitive logistics services;
- Customized deliveries on SINIAT partners' sites;
- Designated person for supply chain services;
- SINIAT products perfect packaging.

Processing of orders

The centralized order taking service is available from Monday to Friday, 9 am - 5 pm.
Send the orders by email cs_etexbp@etexgroup.com or use the **Webshop** app
Order confirmation, with details on stock availability, shall be sent within 24 hours from order receipt.
To avoid orders delay please:

- Send your order to e-mail address: cs_etexbp@etexgroup.com;
- Send all necessary information for delivery: full address, name and telephone number of the person designated to receive the goods, unloading schedule;
- Verify the order confirmation;

For further details, the Customer Service department is at your service.

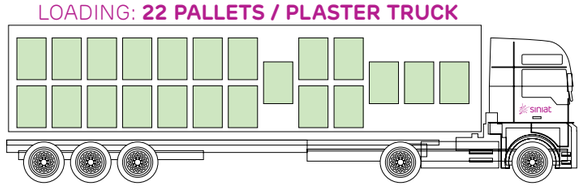
Order loading confirmation by SMS

The order loading shall be confirmed by a SMS sent to your mobile phone number. The SMS is sent when the cargo loading notice is issued.

Logistics data on truck loading

Name:			UM	Packaging	No. of pallets/truck
ADERA Basic	building plaster	25 kg bag	kg	pallet	19
ADERA Stucco	moulding plaster	25 kg bag	kg	pallet	19
ADERA Finna	finishing plaster	20 kg bag	kg	pallet	21
ADERA Strato	plaster render	25 kg bag	kg	pallet	22
ADERA Liss	finishing plaster	20 kg bag	kg	pallet	21
ADERA Plano	levelling plaster	20 kg bag	kg	pallet	21
NIDA Profesional	jointing plaster	25 kg bag	kg	pallet	19
NIDA Boardfix	bonding plaster	25 kg bag	kg	pallet	19

LOADING: **22 PALLETS / PLASTER TRUCK**



Contact

Greece

Marius Tărbășanu - SALES MANAGER
+40 757 113 506
marius.tarbasanu@etexgroup.com

George Mylonas - PROJECT SALES REPRESENTATIVE
+30 693 223 4796
george.mylonas@etexgroup.com

General contact information

Romania (central)
Etex Building Performance S.A.
Vulturilor Street, no. 98, 5- 6 floor, code 030857,
District 3, Bucharest
+40 312 240 100
siniat.ro@etexgroup.com

siniat

Innovation for over 110 years

Present in 45 countries, Etex Group inspires the world to build safe, sustainable, smart and aesthetic spaces with a wide range of easy solutions.
From innovative modular systems to top-of-the-line fibre cement and plasterboard systems. From high-performance applications for wall plastering, façade cladding to fire protection and building insulation.

Etex Building Performance S.A.
Vulturilor Street, no. 98, 5- 6 floor
district 3, Bucharest
Phone: (+4) 031 224 01 00
siniat.ro@etexgroup.com

For details and solutions, visit
www.siniat.gr

July 2024 edition