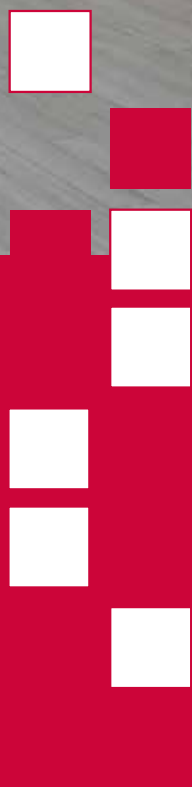


# Product Catalogue



# Interiors without compromise



## Piotrowice II Group

*The history of Piotrowice II Group dates back to 1954, when a state-owned Diatomaceous Earth Mine was founded in the small town of Piotrowice. The silica extracted here was mainly used for glass and cement production, but it was not processed on site. The growth of the paint industry resulted in expanding the production portfolio to include dolomite fillers (starting from 1986).*

*In 1993 the mine was privatised to continue its operations under the name Zakłady Przetwórstwa Surowców Chemicznych i Mineralnych Piotrowice Sp. z o.o. (Chemicals and Minerals Processing Plant in Piotrowice). This date marks the beginning of the Plant's dynamic development and expansion of its production profile to encompass ready-to-use construction chemicals, e.g. plasters, finish coats, levelling mortars and adhesives.*

*In 1997 the Stabill brand was created under which the construction chemicals from Piotrkowice have been offered until the present day. Consistent quality policy has translated*

*into a large portfolio of regular clients, which allowed for a continuous growth in production volume. Incoming orders soon exceeded the production capacity of Plant 1 in Piotrowice, and therefore the Company purchased a plant located in the Tarnobrzeg Special Economic Zone – Wisłosan (2002) where dolomite fillers have been manufactured along with Stabill construction chemicals (since 2003).*

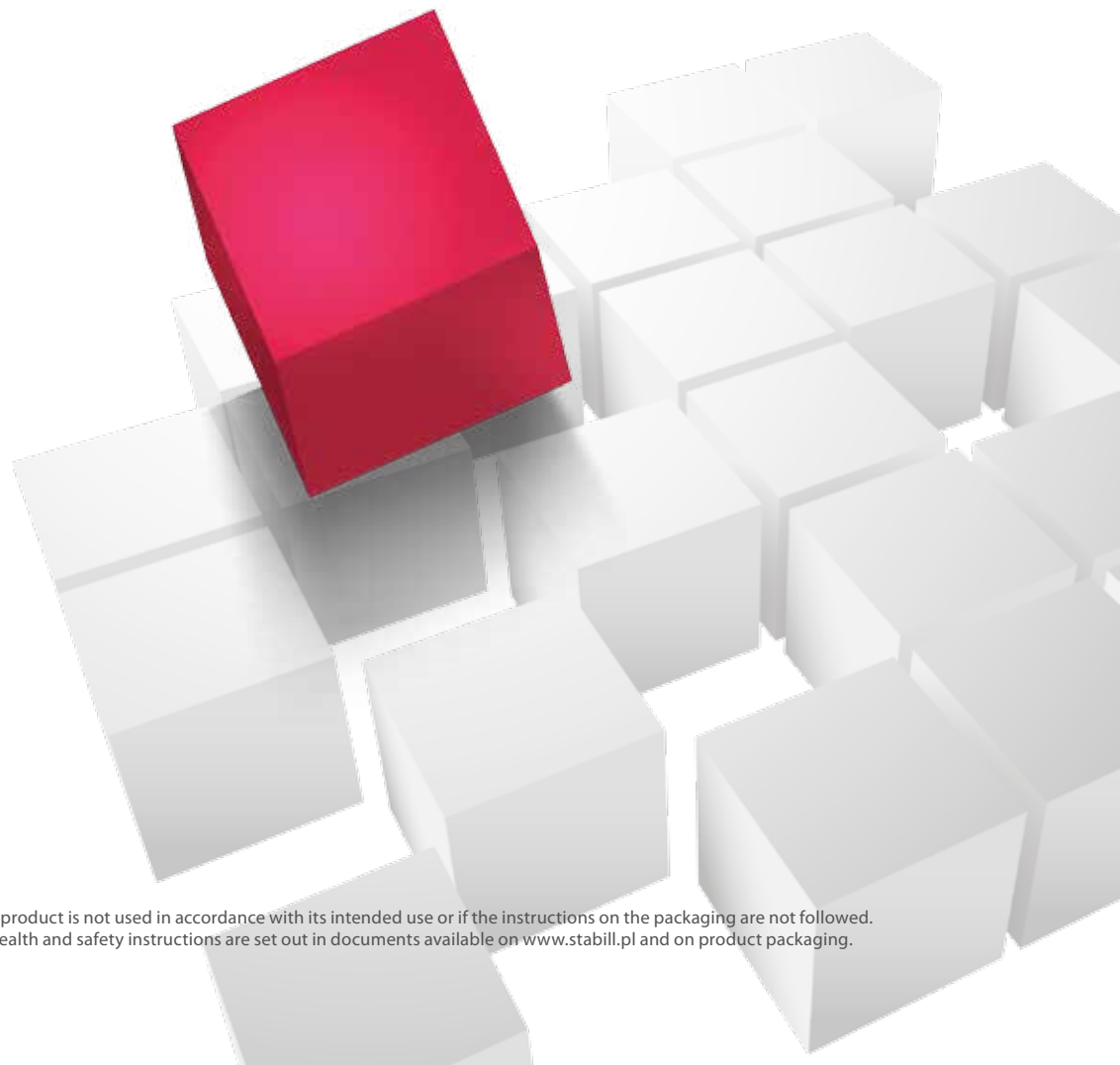
*Stable technical parameters require top quality raw materials. Hence the idea to invest in a proprietary gypsum plant in Rybnik, which launched operations in 2008.*

*Our managers' long-time production and marketing experience has ensured ideal tailoring of the manufacturing profile to market needs. The extensive product portfolio is a perfect fit for modern, minimalist interior design trends. What makes the Stabill brand unique is also our well-developed distribution network operated by experienced sales representatives.*



## Contents

1. STABILL START Gypsum Plaster	4
2. STABILL Universal White Levelling Mortar	5
3. STABILL White Skim Coat	6
4. STABILL UNIKAT White Polymer Finish Coat	7
5. STABILL PGN-31 Spray Finish Coat	8
6. STABILL Gypsum Adhesive	9
7. STABILL PK-52 Patching Compound	10
8. Gypsum Plaster	11



### Disclaimer:

- The manufacturer accepts no liability if the product is not used in accordance with its intended use or if the instructions on the packaging are not followed.
- Detailed product specifications as well as health and safety instructions are set out in documents available on [www.stabill.pl](http://www.stabill.pl) and on product packaging.

# Patching Plaster

## STABILL START

### APPLICATION

STABILL START Patching Plaster is designed to smooth over uneven and rough surfaces of mineral plaster coats, cover cracks as well as fill gaps and chipped surfaces. It also serves as a levelling layer, providing a substrate for STABILL's final products.



### PROPERTIES

STABILL START Patching Plaster is a dry mixture of gypsum, mineral fillers and modifying additives that ensure optimum plasticity when mixed.

### PROPER BACKGROUND

The background must be stable, strong, clean, dry, free from contaminants and layers that are loosely bound to the background or that may weaken the bond (grease, adhesives, bitumen, dust, anti-adhesive agents, old paint and mortar residues, etc.). START Patching Plaster can be applied to all mineral backgrounds.

### BACKGROUND PREPARATION

Backgrounds characterised by strong or uneven absorbability should be primed with a suitable agent and left to dry. It is recommended to secure elements made of corrosive materials (e.g. steel) using dedicated anti-corrosion agents.

### APPLICATION

Add STABILL START to cold water (0.45 l water per 1 kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 5 minutes and mix plaster again for a short while. Each time prepare a portion that can be used within 1 hour. Apply plaster to the background using tools made of stainless materials. Defective layers can be reworked or sanded with sanding paper. The final layer of STABILL FINISH COAT or PM-61 can be applied after 24 hours. While executing construction works always comply with the rules of the trade and with relevant European Standards.

### PACKAGING

25 kg/10 kg/2 kg bags.

## TECHNICAL DATA

### COMPOSITION

Pre-mixed gypsum binder, mineral fillers and modifiers.

**APPLICATION TEMPERATURE:** +5°C to +25°C.

**WORKABLE LIFE:** ca. 1 hour.

**APPROX. COVERAGE:** from 1,2 kg/m<sup>2</sup> at 1 mm.

**FINAL COAT APPLICATION:** after 24 hours.

**SHELF LIFE:** 12 months from date of manufacture

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN 13279-1 standard. Certified by the Polish National Institute of Hygiene.

# Universal White Levelling Mortar

## STABILL LEVELLING MORTAR

### APPLICATION

STABILL Universal White Levelling Mortar is designed for application on internal walls and ceilings to ensure smooth surfaces. It also helps smooth out uneven, rough surfaces of mineral plaster coats as well as fill gaps and chipped surfaces. The white colour helps reduce the number of paint layers while ensuring rich colour effects.

### PROPERTIES

STABILL LEVELLING MORTAR Universal White Levelling Mortar is a dry mixture of natural gypsum, mineral fillers and modifiers. When mixed with water, they create a plastic mass characterised by optimum adhesion. After drying and processing a smooth surface is obtained, which can later be wallpapered or coated with paints for mineral substrates.

### PROPER BACKGROUND

Universal Levelling Mortar can be applied on all mineral backgrounds (indoors).

### BACKGROUND PREPARATION

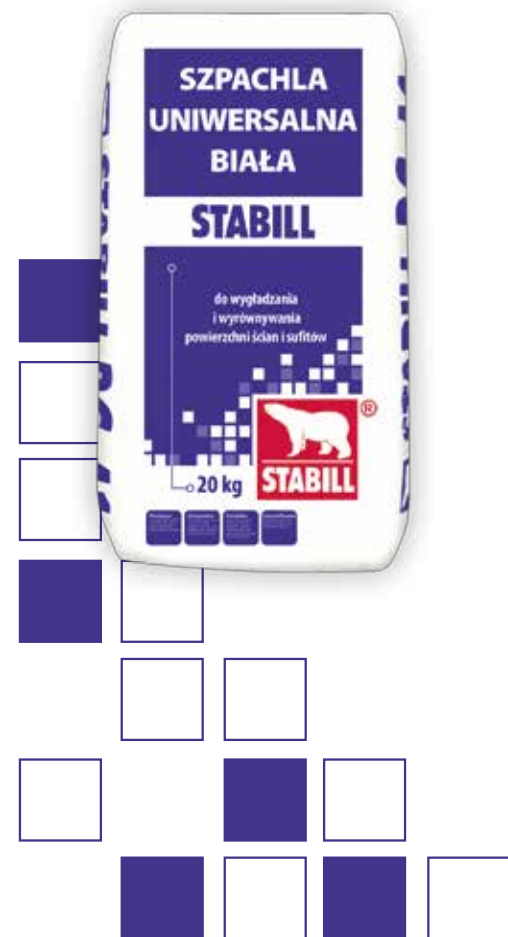
Check background quality. It should be sound, stable, even, dry, free from contaminants affecting adhesion, e.g. dust, oils, grease, etc. Highly absorbent backgrounds should be primed and left to dry.

### APPLICATION

Add STABILL UNIVERSAL LEVELLING MORTAR to cold water (0.38-0.41 l water per 1 kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 5 minutes and mix mortar again for a short while. Each time prepare a portion that can be used within 1 hour. Apply mortar to the background using tools made of stainless materials. Defective mortar layers can be reworked or sanded with sanding paper. Maximum coat thickness is 7-8 mm. While executing construction works always comply with the rules of the trade and with relevant European Standards.

### PACKAGING

20 kg bag.



## TECHNICAL DATA

### COMPOSITION

Pre-mixed natural gypsum, mineral fillers and modifiers.

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should range between +5°C and +25°C.

**INITIAL SETTING TIME:** up to 5 minutes.

**WORKABLE LIFE:** ca. 1 hour.

**COAT THICKNESS:** max. 3 cm in 4 layers, 7-8 mm each.

**APPROX. COVERAGE:** from 1,2 kg/m<sup>2</sup> at 1 mm.

**MIX RATIO:** 0.38-0.41 l water per 1 kg product.

### SHELF LIFE

12 months from date of manufacture, in a dry place, in the originally sealed packaging.

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN-13279-1 standard. Certified by the Polish National Institute of Hygiene.

# White Skim Coat

## STABILL SKIM COAT

### APPLICATION

STABILL SKIM COAT is designed for application of a thin coating on internal walls and ceilings to obtain perfectly smooth surfaces. After drying, the skim coat can be wallpapered or coated with paints for mineral substrates.



### PROPERTIES

White STABILL SKIM COAT is a dry mixture of natural gypsum, polymers and mineral fillers, modified with top quality additives. Mixed with water, it forms slow-setting plastic mass characterised by optimum adhesion and easy use. Applied on the background, it ensures extremely smooth surfaces.

### PROPER BACKGROUND

STABILL SKIM COAT can be applied indoors to all mineral surfaces as well as gypsum boards.

### BACKGROUND PREPARATION

Check background quality. It should be sound, stable, even, dry, free from contaminants affecting adhesion, e.g. dust, oils, grease, etc. Smooth surfaces should be sanded with sanding paper. Highly absorbent backgrounds should be primed and left to dry. For large gap-filling we recommend using STABILL START PATCHING PLASTER.

### APPLICATION

Add STABILL SKIM COAT to cold water (0.45 l water per 1kg kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 5 minutes and mix plaster again for a short while. Each time prepare a portion that can be used within 1 hour. Apply skim coat to the background using tools made of stainless materials. Defective layers can be reworked or sanded with sanding paper. Up to two layers can be applied, 5 mm each. Priming is not required before painting surfaces finished with STABILL SKIM COAT. While executing construction works always comply with the rules of the trade and with relevant European Standards.

### PACKAGING

20 kg/10 kg/4 kg/2 kg bags.

## TECHNICAL DATA

### COMPOSITION

Mixture of natural gypsum, polymers and mineral fillers modified with additives.

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should range between +5°C and +25°C.

**WORKABLE LIFE:** ca. 1 hour.

### APPROX. COVERAGE

Ca. 1 kg per 1 m<sup>2</sup> at 1 mm.

**MIX RATIO:** 0.45 l water per 1 kg of dry powder.

### SHELF LIFE

12 months from date of manufacture, in a dry place, in the originally sealed packaging.

**CURING TIME:** up to 5 minutes.

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN 13279-1 standard. Certified by the Polish National Institute of Hygiene.

# White Polymer Finish Coat STABILL UNIKAT

## APPLICATION

STABILL UNIKAT White Polymer Finish Coat is designed for executing top quality final coats on even surfaces (indoors). The finish coat can be applied in several thin layers, up to 10 mm thick in total. The product is especially recommended for application with airless sprayers. The product can also be used for patching and pointing gypsum boards, and for executing textured coats.

## PROPERTIES

STABILL UNIKAT White Polymer Finish Coat is a dry mixture of polymers and mineral fillers modified with top quality additives. Mixed with water, it forms slow-binding plastic mass characterised by optimum adhesion and easy use. A special advantage of this product is its long setting time when mixed with water. The product maintains its properties up to 48 hours if secured against drying. After drying and sanding it creates an extremely smooth, durable and crack-resistant surface. The high level of whiteness allows to reduce the number of paint layers, at the same time reducing paint consumption.

## PROPER BACKGROUND

STABILL UNIKAT Polymer Finish Coat can be applied indoors to all mineral surfaces as well as gypsum boards (for patching and pointing).

## BACKGROUND PREPARATION

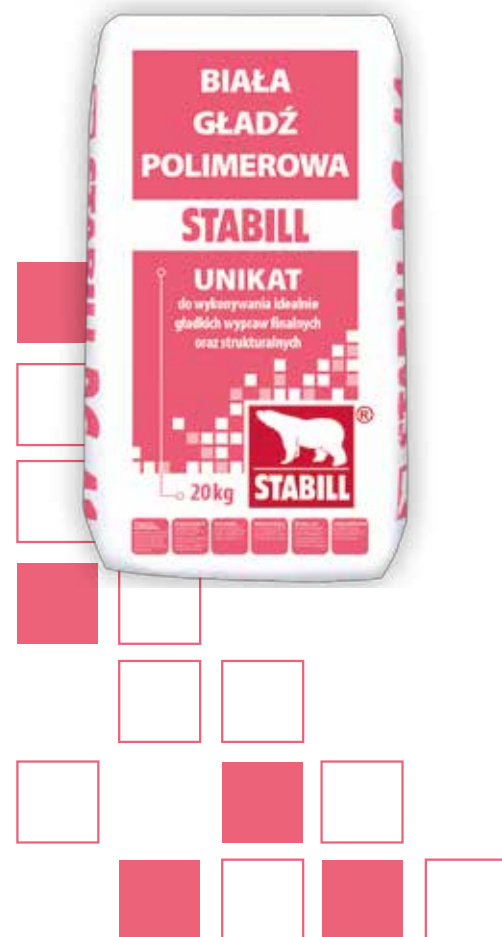
Check background quality. It should be sound, stable, even, dry, free from contaminants affecting adhesion, e.g. dust, oils, grease, etc. Highly absorbent backgrounds (with uneven absorption) should be primed and left to dry. For large gap-filling, initial levelling and preparation of mineral backgrounds, we recommend using STABILL START Patching Plaster or STABILL Universal Levelling Mortar.

## APPLICATION

Add STABILL UNIKAT to cold water (0.38 l water per 1 kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 5 minutes and mix again for a short while. Secure against drying. Apply STABILL UNIKAT to the surface with a finishing trowel made of stainless materials, pressing firmly. This way a smooth and uniform layer will be produced, with optimum adhesion to the substrate. After drying, remove minor defects or apply another layer. Surface defects can be gently sanded down with sanding paper. Priming is not required before painting surfaces finished with STABILL UNIKAT Finish Coat. In the case of textured surfaces, apply a thicker layer on the substrate and shape freely to achieve a desired effect. While executing construction works always comply with the rules of the trade and with relevant European Standards.

## PACKAGING

20 kg bags.



## TECHNICAL DATA

### COMPOSITION

High quality mixture of polymer binder and fillers modified with additives.

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should remain between +5°C and +25°C.

**WORKABLE LIFE:** up to 48 hours if secured against drying.

**LAYER THICKNESS:** up to 5 mm per layer.

**APPROX. COVERAGE:** Ca. 1.1 kg per 1 m<sup>2</sup> at 1 mm.

**MIX RATIO:** 0.38 l water per 1 kg of dry powder.

**SHELF LIFE:** 12 months from date of manufacture, if stored in a dry place, in the originally sealed packaging, on wooden pallets.

**COMPLIANCE WITH RELEVANT STANDARDS:** Compliant with EN-13963, type 3A and EN 15824.

# Spray Finish Coat

## STABILL SUPER WHITE

### APPLICATION

STABILL PGN-31 Spray Finish Coat is designed for applying thin coats on internal walls and ceilings using airless sprayers, in order to obtain extremely smooth surfaces. The product can also be used for hand-finishing of walls, ceilings, etc.



### PROPERTIES

STABILL PGN-31 Spray Finish Coat is a dry mixture of gypsum binder, polymers and mineral fillers modified with top quality additives enhancing plasticity and ensuring easy use. Mixed with water, it forms slow-binding plastic mass characterised by exceptionally long setting time and excellent adhesion. When mixed with water, STABILL PGN-31 Spray Finish Coat forms a patching compound with application properties similar to ready-to-use products. The benefit of this dry mixture – compared with ready-to-use solutions – is that it can be stored in temperatures below 0 °C. It is characterised by exceptionally high whiteness. An innovative feature of this finish coat is its extended working time. Mixed with water, ready product can be stored in a sealed container for up to 24 hours or up to 48 hours in favourable conditions, if secured against drying. This helps avoid losses related to sprayer cleaning and enables more effective execution of plaster works.

### PROPER BACKGROUND

The product can be applied to all mineral backgrounds (indoors). The background must be stable, strong, clean, dry, free from contaminants and layers that are loosely bound to the background or that may weaken the bond (grease, adhesives, bitumen, dust, anti-adhesive agents, old paint and mortar residues, etc.).

### BACKGROUND PREPARATION

Backgrounds characterised by strong or uneven absorbency should be primed with a suitable agent and left to dry. For large gap-filling we recommend using STABILL START Patching Plaster.

### APPLICATION

Wet-on-wet application method is recommended. Pour the prepared product to the unit and spray onto the surface from a distance of ca. 1 m. Level out the base coat with a long trowel and immediately apply the final layer. After application once again level out excess material and wait until it dries completely. The surface can be sanded after the final layer sets. Any and all works must be carried out in temperatures above 5°C. When applying coats, secure the room against draughts. In rooms with high humidity and low temperature levels – and in the case of fresh cement or cement-lime plasters – the setting time may be extended. Mix ratio: ca. 0.37-0.39 l water per 1 kg dry mixture for hand application, and 0.40-0.43 l water for spray application. After completing the work, clean the tools and the sprayer thoroughly, in accordance with manufacturer's recommendations. Up to two layers can be applied, 3 mm each. While executing construction works always comply with the rules of the trade and with relevant European Standards.

**PACKAGING:** 20 kg bag.

## TECHNICAL DATA

### COMPOSITION

Gypsum binder, polymer binder, mineral fillers, modifiers.

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should range between -5°C and +25°C.

### WORKABLE LIFE

After mixing with water, stored in a sealed container: up to 48 hours.

**COVERAGE:** ca. 1.0 kg per m<sup>2</sup> at 1mm.

**LAYER THICKNESS:** up to 3 mm each.

### SHELF LIFE

12 months from date of manufacture, in a dry place, in the originally sealed packaging.

**COMPLIANCE WITH RELEVANT STANDARDS:** EN 13963 type 2 A.



# Gypsum Adhesive STABILL ADHESIVE

## APPLICATION

STABILL Gypsum Adhesive is designed for fixing gypsum boards, decorative plaster mouldings, styrofoam boards and insulation materials, as well as for levelling out uneven surfaces of internal walls and plasterwork.

## PROPERTIES

STABILL Gypsum Adhesive is a mixture of top quality gypsum, mineral fillers and modifiers that ensure optimum plasticity during preparation and high performance after drying.

## PROPER BACKGROUND

The product is recommended for indoor application to all mineral backgrounds.

## BACKGROUND PREPARATION

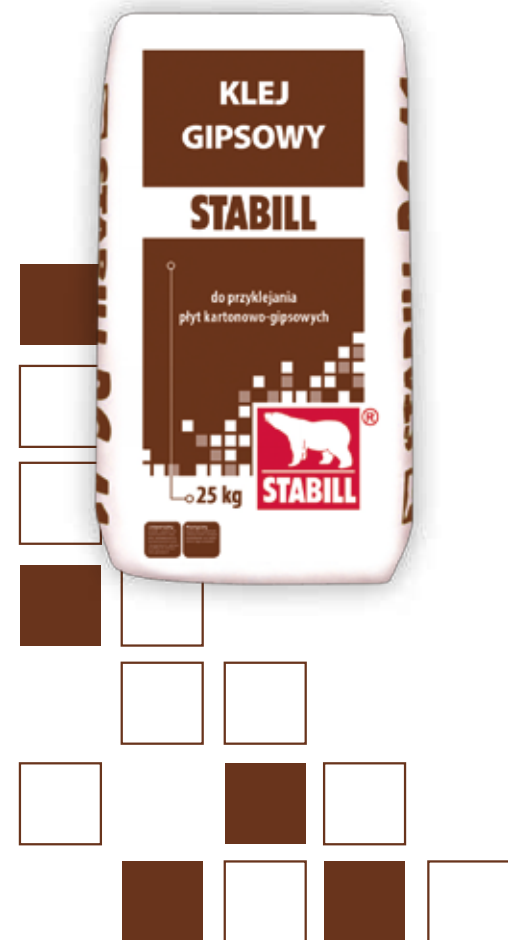
Check background quality. It should be sound, stable, even, dry, free from contaminants affecting adhesion, e.g. dust, oils, grease, etc. Repair major cavities and uneven surfaces and apply a suitable prime coat on concrete substrates and backgrounds characterised by strong or uneven absorbability.

## APPLICATION

Add dry mixture to cold water (0.5 l water per 1 kg of product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 2 minutes and mix again for a short while. Use the prepared portion within 30-40 minutes. Apply the adhesive on gypsum boards with a finishing trowel and press firmly to the wall. Correction time is ca. 10 minutes. After use, immediately wash the tools thoroughly with water. Adhesive residues can considerably reduce the workable life of the next portion prepared. While executing construction works always comply with the rules of the trade and with relevant European Standards.

## PACKAGING

25 kg / 10 kg bags.



## TECHNICAL DATA

### COMPOSITION

Gypsum, mineral fillers, modifiers.

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should range between +5°C and +25°C.

**WORKABLE LIFE:** ca. 30-40 minutes.

### APPROX. COVERAGE

On average, a 25 kg packaging is enough for fixing ca. 5 m<sup>2</sup> of gypsum board (depending on background evenness).

**MIX RATIO:** 0.5 l water per 1 kg adhesive.

### SHELF LIFE:

12 months from date of manufacture, in a dry place, in the originally sealed packaging.

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN 14496 standard. Certified by the Polish National Institute of Hygiene.

# Patching Compound

## STABILL PK-52

### APPLICATION

STABILL PK-52 White Patching Compound is designed for patching and pointing gypsum boards without the need for using joint tapes. The product can also be used for pointing wall and ceiling corners, as well as for gap and crack filling.



### PROPERTIES

STABILL PK-52 White Patching Compound is a dry mixture of natural gypsum, mineral fillers, polymers, microfibres and modifiers. The product is characterised by enhanced plasticity and durability.

### PROPER BACKGROUND

Check background quality. It must be clean, sound and solid. Highly absorbent backgrounds should be primed and left to dry. Please pay attention to cut gypsum board fragments, which require priming as well.

### APPLICATION

Add the product to cold water (0.6 l water per 1 kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. Wait 5 minutes and mix again for a short while. Each time prepare a portion that can be used within 90 minutes.

### TIPS AND NOTES

Ambient temperature as well as product and background temperature should range between +5°C and +25°C. After use, wash the tools thoroughly with warm water. Shelf life is 12 months from date of manufacture, if stored in a dry place, in the originally sealed packaging.

### PACKAGING

20 kg/10 kg/2 kg bags.

## TECHNICAL DATA

### COMPOSITION

Mixture of natural gypsum, mineral fillers, polymers, microfibers and modifiers.

**REACTION TO FIRE:** A2.

**ADHESION STRENGTH:** > 450 N/mm<sup>2</sup>.

**ADHESION TO SUBSTRATE:** > 0.38 N/mm<sup>2</sup>.

**MIX RATIO:** 0,60 l water per 1 kg product.

### AIR, SUBSTRATE AND MATERIAL TEMPERATURE:

+5°C to +25°C.

**WORKABLE LIFE:** ca. 90 minutes.

**APPROX. COVERAGE:** ca. 1,2 kg/m<sup>2</sup> at 1 mm.

**SHELF LIFE:** 12 months from date of manufacture.

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN-13963 Type 4 B.

# Gypsum Plaster

## STABILL GYPSUM PLASTER

### APPLICATION

Gypsum Plaster is the most commonly used mineral binder in the construction industry, offering versatile applications.



### PROPERTIES

STABILL Gypsum Plaster – or calcium sulphate dihydrate ( $\text{CaSO}_4 \times 1/2\text{H}_2\text{O}$ ) – is obtained in the process of calcination of REA-gypsum formed during flue gas desulfurization. It is characterised by quick setting time. The resulting product is additionally processed and refined. Its advantages include high levels of whiteness and purity, as well as uniform grain size. The production method makes gypsum plaster a truly eco-friendly, quickly accessible and easy to use product.

### PROPER BACKGROUND

The background must be stable, strong, clean, dry, free from contaminants and layers that are loosely bound to the background or that may weaken the bond (grease, adhesives, bitumen, dust, anti-adhesive agents, old paint and mortar residues, etc.).

### BACKGROUND PREPARATION

Backgrounds characterised by strong or medium absorbency should be primed with a suitable agent and left to dry. It is recommended to secure elements made of corrosive materials (e.g. steel) using dedicated anti-corrosion agents. The substrate preparation process must be compliant with guidelines and recommendations of construction standards and the rules of the trade.

### APPLICATION

Ambient temperature as well as product and background temperature should range between  $+5^\circ\text{C}$  and  $+25^\circ\text{C}$ . Add the dry mixture to a container with clean cold water (0.66 l water per 1 kg of dry product) and mix with a mechanical whisk at slow speed until lumps disperse and the right consistency is achieved. For hand mixing, the time should be ca. 2-3 minutes. Production of dry construction mixtures in accordance with manufacturing recipes and technologies.

### PACKAGING

25 kg/10 kg/2 kg bags.



## TECHNICAL DATA

### COMPOSITION

Gypsum - calcium sulphate dihydrate ( $\text{CaSO}_4 \times 1/2\text{H}_2\text{O}$ )

### APPLICATION TEMPERATURE

Ambient temperature as well as product and background temperature should range between  $+5^\circ\text{C}$  and  $+25^\circ\text{C}$ .

**INITIAL SETTING:** ca. 10-20 minutes.

**FINAL SETTING:** ca. 15-30 minutes.

**COMPRESSION STRENGTH:**  $> 5 \text{ N/mm}^2$

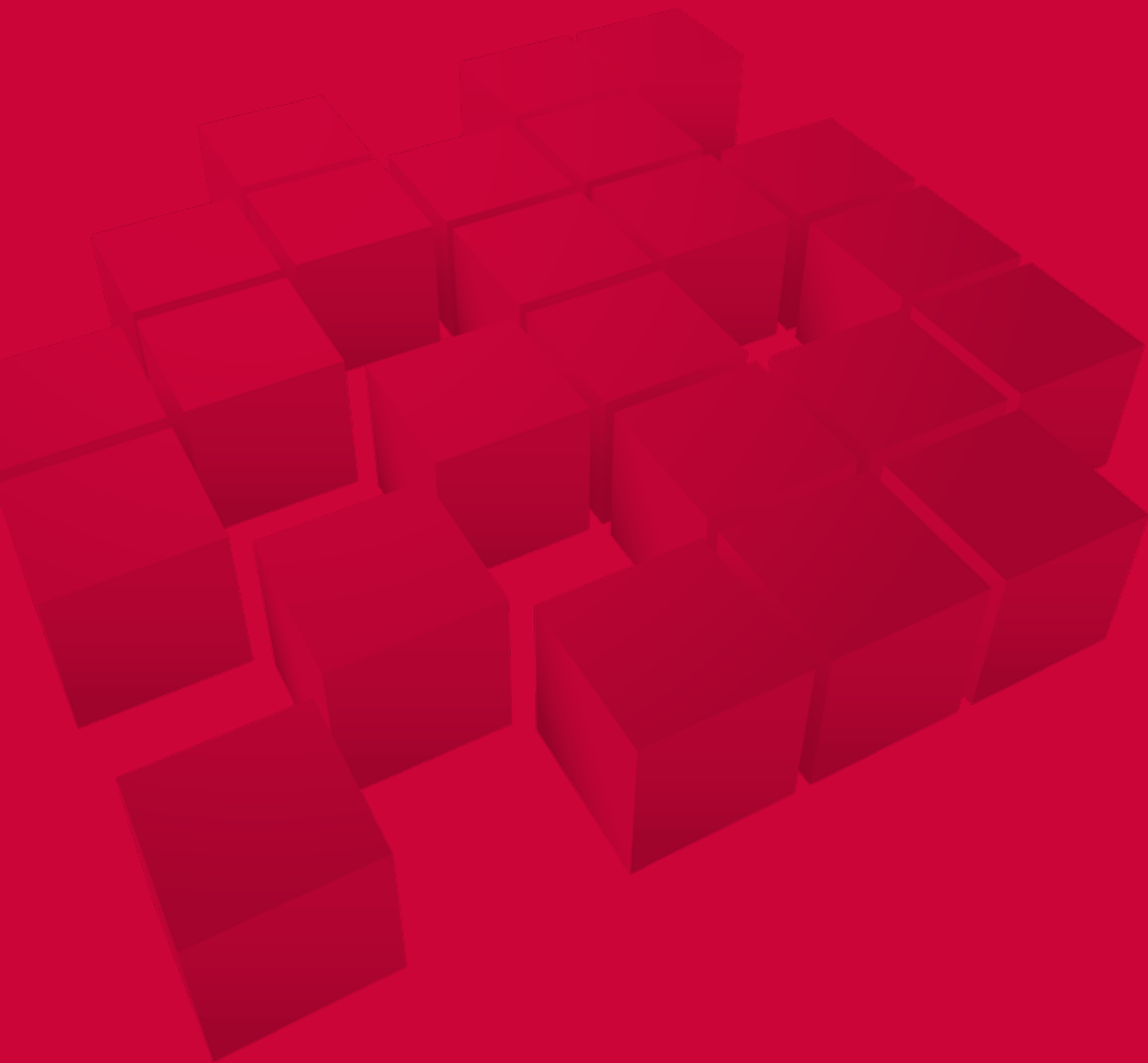
**BENDING STRENGTH:**  $> 8 \text{ N/mm}^2$

### SHELF LIFE:

6 months from date of manufacture, in a dry place, in the originally sealed packaging.

### COMPLIANCE WITH RELEVANT STANDARDS

Compliant with EN 13279-1:2007 standard.



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