

CLAY PAINT

various colour shades / preservative-free





moisture-regulating interior wall paint

Product description

PRODUCT BENEFITS

- good covering ability
- preservative-free
- free from solvents and plasticizers
- breathable and moisture-regulating
- suitable for allergy sufferers

SCOPE OF APPLICATION

Interior wall paint made from natural clay. Ideally suitable for all mineral substrates such as lime plaster, cement plaster, gypsum plaster, clay plaster, concrete, brickwork, plasterboard, wallpaper and for well-bonded and sound coats of emulsion paint. Made predominantly from natural raw materials. Has a moisture-regulating and leveling effect on the room climate. Absorbs excess moisture from the air and releases again when needed. Naturally inhibits mold formation.

PRODUCT PROPERTIES

- promotes a healthy atmosphere
- very efficient
- quick drying
- low odour

ARTICLES

| article number | colours | container sizes/ selling units |
|----------------|-------------------------------|--------------------------------|
| 10733853 | BALANCE, preservative-free | 2.5L |
| 10733856 | CALM, preservative-free | 2.5L |
| 10733855 | COURAGE, preservative-free | 2.5L |
| 10733840 | CREATIVITY, preservative-free | 2.5L |
| 10733851 | HARMONY, preservative-free | 2.5L |
| 10733857 | HOPE, preservative-free | 2.5L |

| article number | colours | container sizes/ selling units |
|----------------|------------------------------|--------------------------------|
| 10733858 | INSIGHT, preservative-free | 2.5L |
| 10733852 | JOY, preservative-free | 2.5L |
| 10733860 | LIGHTNESS, preservative-free | 2.5L |
| 10733854 | LOVE, preservative-free | 2.5L |
| 10733859 | PASSION, preservative-free | 2.5L |
| 10733837 | RESTFUL, preservative-free | 2.5L |
| 10733839 | SECURITY, preservative-free | 2.5L |
| 10733835 | SERENITY, preservative-free | 2.5L |
| 10733836 | STRENGTH, preservative-free | 2.5L |
| 10733838 | WISDOM, preservative-free | 2.5L |

CHARACTERISTICS (CLASSIFIED ACCORDING TO EN 13300)

Opacity: depending on the colour **Wet scrub resistance:** class 3 **Gloss grade G:** matte **Maximum particle size S:** < 100 μm fine **General advice:** Tinting may cause variations.

BASE MATERIAL

Potassium water glass

Surface preparation

PREPARATION GUIDELINES

The substrate must be clean, dry, free from oil and fat, flat, sound, absorbent, and without ingredients that bleed through (e.g. water, nicotine). Remove loose and flaking coatings. Wash off all glue-based paints, paste residues and chalking surfaces. Allow new plaster to fully cure for at least 4 weeks prior to painting. Thoroughly clean and dedust surfaces. Wear a respiratory protection mask during sanding and grinding!

TIPS AND TRICKS FOR SURFACE TESTING

Check for chalking - wipe sample: Use your hand to wipe over the substrate. Any dust that adheres to your hand or discoloration indicates chalking.

Testing for soundness and bonding strength - tape test: Press a strip of painter's adhesive tape firmly on the substrate and pull off rapidly. Evidence of paint on the adhesive tape indicates the substrate is not sound.

Testing absorbency - wetting test: Moisten the substrate. This can be done using a damp sponge or a spray bottle. Water running off or beading indicates a normal to weakly absorbent substrate. Highly absorbent surfaces absorb water quickly and turn a dark color.

Testing for sintered layers - wetting and visual test: Sintered layers can be determined on concrete and plastered surfaces. Sintered layers are identified by a surface sheen and demonstrate a slight absorbency when wetted with water.

Please observe the technical data sheets of the products specified in this data sheet.



Based on the wide range of possible substrates and other influencing factors, it is advisable to apply the paint to a trial area before processing.

| Surface | Surface preparation/Advice | Primer | Intermediate coat | Top coat | Technical rules |
|--|---|---|--|---|---|
| Gypsum plasters, gypsum putties (mortar group P IV according to DIN 18550) | Sand sintered skin from gypsum plaster, dedust. Sand filler material and dedust. | 1 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Coatings, wallpapering and bonding work on interior plaster. Standard construction site testing to assess the substrate. |
| Lime-cement plaster and cement plaster (mortar group P II & III according to DIN 18550) | Allow newly plastered surfaces to dry thoroughly (approx. 2–4 weeks). | 1 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Coatings on exterior mineral plaster. Coatings, wallpapering and bonding work on interior plaster. Standard construction site testing to assess the substrate. |
| Concrete | Remove dirt caused by mold release oil, grease and wax. Fill blowholes, cavities or pores with the same type of material. | 1–2 x acrylic deep primer | | 1.0 | Protection and repair of exterior surfaces of concrete structures. |
| | An adhesive primer coat must be applied in the event of insufficient absorbency. | - | I-2 X NATURAL ELEMENTS CLAY PAINT | wallpapering and bonding work on concrete surfaces. Standard construction site testing to assess the substrate. | |
| Aerated concrete | Clean and dedust by vacuuming. | 1–2 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Coatings, wallpapering and bonding work on aerated concrete. Standard construction site testing to assess the substrate. |
| Exposed sand-lime brickwork | Factory-produced and waterproofed sand-lime bricks are not suitable for coating. | - | | - | Impregnation and coating of exposed sand-lime brickwork. |
| Interior sand-lime bricks | Clean and dedust by vacuuming. | 1–2 x silicate primer for interior | - | 1–2 x silicate paint for interior | Standard construction site testing to assess the substrate. |



| Surface | Surface preparation/Advice | Primer | Intermediate coat | Top coat | Technical rules |
|---|--|------------------------------------|-------------------|--|---|
| Plasterboard, Gypsum fiberboard | Sand filler material and dedust by vacuuming. | 1 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Surface treatment of plasterboards and gypsum fiberboards. Coatings, wallpapering and bonding work on interior plaster. Standard construction site testing to assess the substrate. |
| Adhesive wallpaper, woodchip wallpaper, vinyl wallpaper and glass fabric | Check coating compatibility and recoatability with a test coat. Coat without pre-treatment. | - | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |
| Adhesive fleece wallpaper | Check coating compatibility and recoatability with a test coat. If necessary, use an adhesive primer. | 1 x adhesive primer coat | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |
| Old coats | Directly recoat matt, slightly absorbent substrates. Pre-treat highly absorbent old coatings with a deeply penetrating primer. | 1 x acrylic deep primer | | 1.0.4 | Standard construction site testing to assess the substrate. |
| | Remove any coats of lacquer, synthetic resin or emulsion that are not sound. Gloss coatings that are sound should be roughened and prepared with a suitable adhesive primer. Check coating compatibility and recoatability with a test coat. | 1 x adhesive primer coat | - | NATURAL ELEMENTS CLAY PAINT | |
| Synthetic resin plasters | Clean and dedust. Check coating compatibility and recoatability with a test coat. Check the absorbency and prime the substrate if necessary with a deeply penetrating primer. | 1 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |
| Coats of distemper, paste residues | Thoroughly wash off. | 1–2 x acrylic deep primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |
| Nicotine, water, rust, grease stains | Clean with a suitable cleaning agent. Treat dried surfaces with a barrier primer. | 1–2 x insulating primer | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |
| Permanently elastic sealants and sealing strips | Check coating compatibility and recoatability with a test coat. | - | - | 1–2 x NATURAL ELEMENTS CLAY PAINT | Standard construction site testing to assess the substrate. |



Application

TIPS FOR A BEAUTIFUL COATING

Ensure careful preparation of the substrate.

Prior to application, mask everything that you want to protect from stains.

During breaks keep tools dipped into paint or wrapped tightly with a foil to prevent the paint drying out.

THINNER

Water

TOOLS

roller, flat brush.

COATING

Prime critical and highly absorbent substrates with a suitable deep primer. Stir well before and during application. Apply evenly with a paint roller or a flat brush. On highly absorbent surfaces (new plaster, limestone etc.) apply a base coat diluted with 10 % water, leave to dry, apply the second coat without dilution. The color and full opacity will only be visible once completely dry. Always ensure good ventilation during application and drying. Do not apply below +12 °C (both substrate and air temperature)! When using multiple containers of the same colour shade check for the same production batch number. Ensure that the different batches are thoroughly mixed before use to avoid any variations in color or lap marks.

DRYING

At +20 °C and 65 % relative humidity, the surface will be recoatable after 6–12 hours. Lower temperatures and higher humidity extend the drying time.

TOOL CLEANING

Clean tools immediately after use with vegetable soap and water.

YIELD

1 L should cover 7 m² with one coat, depending on the substrate and tool used. Exact consumption values can only be determined by painting a test area of the surface to be coated. The general rule is the darker, rougher and more absorbent the substrate, the higher the paint consumption.

YIELD IN COMPARISON (REFERENCE VALUES FOR 1 L ASSUMING ONE COAT)

| surface | surface condition | yield |
|----------------|--|--------------------|
| Smooth plaster | non-treated surface | |
| Smooth plaster | surface with primer applied or pre-painted | 8 m² |
| Plasterboard | non-treated surface | 7 m² |
| | surface with primer applied or pre-painted | 7,5 m ² |

| surface | surface condition | yield |
|-------------------|--|--------|
| Ingrain wallpaper | non-treated surface | 6,5 m² |
| ingrain waipaper | surface with primer applied or pre-painted | 7 m² |
| Rough plaster | non-treated surface | 5,5 m² |
| | surface with primer applied or pre-painted | 6 m² |
| Glass fabric | not recommended | |

Health, safety & environment

INGREDIENTS ACCORDING TO VDL

Acrylate-copolymer, potassium water glass, titanium dioxide, calcium carbonate, silicate, water, additives, organic and inorganic pigments.

VOC LEVEL BASED ON GUIDELINE 2004/42/EC

This product contains a maximum of 1 g/l VOC. The EU limit value is 30 g/l (category A/a as of 2010).

SAFETY INSTRUCTIONS/ SUPPLEMENTARY INFORMATION

EUH210 Safety data sheet available on request.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

PRECAUTIONS

P280 Wear protective gloves/protective clothing/eye protection.

P270 Do not eat, drink or smoke when using this product.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P352 If on skin (or hair): Wash with plenty of soap and water.

P273 Avoid release to the environment.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

ADDITIONAL INFORMATION

Use A2/P2 combined filters when spray mists occur. Provide for proper ventilation during and after processing.

STORAGE

To avoid any spills, be sure to store and transport in a secure, upright position. Close container tightly after use and store in a dry, cool but frost-free place. Shelf-life is around 12 months when stored tightly closed in original packaging. Once opened, use it up within 2 days.



DISPOSAL

Only empty containers can be recycled. Dried leftover product can be disposed of as household waste. Dispose of liquid leftover product at special waste collection point for paints, lacquers and varnishes.

The information in this technical data sheet is based on the current state of our development and application technology. Due to the large number of substrates and factors that may be involved during product processing, our technical information does not exempt users from conducting tests of their own. We shall not be liable for defects due to faulty application and their consequences. This technical data sheet supersedes all previous editions.