

Technical Data Sheet

GRAVA Wall Primer Sealer No. 408

| | |
|----------------------------|---|
| Application range | On interior surfaces, to stabilize slightly sandy, chalky or highly absorbent surfaces. As an adhesion agent for LIVOS wall paint coatings. Can also be used as a primer for wallpapering on gypsum boards with LAVO Natural Wall Paper Paste No. 535. |
| Technical qualities | Water vapour permeability. GRAVA Wall Primer Sealer No. 408 was rated as very good in the magazine "Öko-Test: Guide for Construction, Habitation, Renovation" edition 5 / 2003. |
| Full declaration | Water, linseed oil, isoaliphates, beeswax, methyl cellulose, larch resin, dammar resin, shellac, borax, orange oil, silver chloride, rosemary oil and ethanol. |
| Color | Transparent when dry. |
| Dilution | As a rule, the concentrate should be diluted with water in a ratio of 1: 1. |
| Application method | With a wide brush or ceiling brush at temperatures above 10 °C (50 °F). Wash equipment from time to time as soon as grains and streaks begin to appear. (see reverse for further information). |
| Coverage | 1 liter (1.06 quart) diluted solution is sufficient for approximately 17 m ² (183 ft ²), i.e. 59 ml/m ² . Could be considerably less, depending on the condition and absorbency of the surface. Always do a test application! |
| Drying time | At 23 °C (73 °F) and 50% relative humidity GRAVA can be painted over after 24 hours. |
| Cleaning | Clean equipment immediately after use in warm, soapy water using LATIS Natural Intensive Cleaner No. 551 or Natural Tool Cleaner No. 558. |
| Specific gravity | Approximately 0.98 g/ml. |
| Safety advice | P102 Keep out of reach of children. EUH208 Contains limonene (orange oil). Can cause allergic reactions. |
| Disposal | According to local official regulations. |
| Container sizes | 0.5 l; 2.5 l; 10 l; 30 l. |
| Storage | Cool, dry, and frost-free. Shelf life: unopened at least 2 years. Please do not store opened or diluted product. Once opened, use the product up within 2 to 3 days. |
| Packaging | Made of polyethylene (PE). This material is ground water neutral and recyclable. |

How to use

GRAVA Wall Primer Sealer No. 408

General surface requirements

The surface must be dry, able to absorb and bear load, pH-neutral, clean and free of separation agents, cracks, salt deposits and fungi.

Preparation

Close holes and cracks with VEDO Wall Filler No. 440. Structural cracks must be repaired with a crack-bridging repair system. For other preparatory work see the table:

| <u>Surface</u> | <u>Preparation</u> |
|-------------------------------------|---|
| Cement-, gypsum- and lime plaster | Remove dust and dirt. Possible sinter layers must be removed by sanding. |
| Screed | Max. residual moisture Cement screed <2% Anhydrite screed <0,5% Use a filler for non-absorbent screeds |
| Concrete | Remove oil residue, dust and dirt. |
| Breeze block | Remove dust and dirt. Use filler if necessary. |
| Clay- and face masonry | Remove dust and dirt. |
| Old slightly chalky paint | Brush with a wire brush and remove dust. |
| Distemper or not sustainable coat | Remove completely, wash and dry. |
| Hardboard | Remove any residual separation agents with suitable agents. |
| Gypsum board and Gypsum fiber board | Check joints for tightness. |

Application

Stir the concentrate thoroughly. Test application!

Depending on absorbency of the surface, dilute with 1 to 2 parts of slightly warm water. Add water gradually while stirring. GRAVA No. 408 must be diluted until there is no visible film development after the application. Please do a test application on the surface to be treated.

For highly absorbent surfaces such as clay, or lime plaster, apply GRAVA Wall Primer Sealer No. 408 either undiluted, or slightly diluted with water (20%).

Important tips

For surface preparation before wallpapering, apply a mixture of ready to use LAVO Natural Wall Paper Paste No. 535 and GRAVA Wall Primer Sealer No. 408 (diluted with 20% of water) at a ratio of 1:1. Nicotine or water spots can be blocked out with REMIO Natural Stain Blocking Primer No. 618. Chip-boards, plywood, OSB-boards, or material containing penetrating substances and should be primed with REMIO Natural Stain Blocking Primer No. 618. If REMIO is used, it is not necessary to prime with GRAVA.

In case of salt deposits, a professional must be called in to specify and correct the problem before sealing the wall.

Possible separation of the product does not impair the technical quality.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the retailer, wholesaler, or manufacturer.

August 2015