Wall floor

FINISH P2

Floor Line

P2 (matt or gloss) is a water-based two-component natural resin silicate for extremely heavy-duty use and abrasion resistance. This highly abrasion-resistant, two-component, water-based protective coating is ideal for the surface treatment of extremely busy, seamless lime floors. P2 is always used wherever lime floors are subject to the highest demands in terms of abrasion resistance and durability. The water-based, low-VOC sealant produces a perfectly even, matt or glossy surface, free of background odour. The uniform result is quick and easy to achieve. P2 is composed of high-quality natural resin silicate. It has been specifically developed to meet the requirements of commercial areas subject to extremely heavy traffic. P2 has excellent properties for a flawless end result, as well as being transparent and non-yellowing.

Drying time (at +20 °C, 65 % r.h.)

A second coat can be applied after 2 or 4 hours.
Walkable: after 12 hours
Drivable: after 7 days

Lower temperatures and/or higher humidity prolong the drying time accordingly.

Processing techniques

Trowelling, spraying: nozzle size: 19 - 23 inches working pressure: 180 bar

Processing temperature

Material, air and substrate temperature min. + 10 °C to max. + 30 °C

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Technical data

Base	2 components A - natural resin silicate B - aliphatic polyisocyanate
Solids content	Approximately 33%.
VOC content	max. 0.30 g/litre (including the curing agent)
Duration after mixing	2-4 hours at 20°C (shorter at higher temperatures)
pH	7
Duration after mixing	2-4 hours at 20°C (shorter at higher temperatures)
Dilution	if necessary, 4% maximum with water for a longer open time.
Drying time	For intermediate sanding/coating: approx. 2 - 4 hours Slightly walkable approx. 12 hrs.
Final polymerisation	Approx. 7 days
Application tools	Water-based paint roller and polycarbonate trowel
Curing agent	Classification, see safety data sheet

Tool cleaning

Clean tools with water immediately after use.

Storage/Transport

Do not store below +10°C, protect from frost. Store in a cool place in summer (not above +30°C) ADR/RID No dangerous goods Water hazard class: WGK 1, according to VwVws

Coverage per coat

approx. 50 g/m²
(determine exact consumption quantities by carrying out a test application on the surface to be treated)
Coverage is indicative; coverage may vary depending on the type of substrate or substrate preparation or the manual skill of the installer.

Dilution

The dilution between component A must be equal to 20% by weight of component B

Waste disposal

Packaging is made of polypropylene (PP) and can be recycled. Only dispose of empty containers for recycling. Containers with dry residues can be disposed of with household waste or as construction waste. Dispose of liquid residues at a collection point for old paint according to waste code no. 080112 (as per AVV).

Packaging

4.5 kg component A	+900/1000 g component B
1 kg component A	200 g component B

Substrate preparation

Before application, the surface must be pre-treated with two coats of our P4 pore filler, applied 2 hours apart. For highly absorbent substrates such as: pastellone, marmorino it is advisable to dilute the first coat of P4 (1:1 with water), then apply the second coat unthinned. The floor must have adapted to the climatic conditions of the installation site, be well-sanded, dry and free of sanding dust, oil, wax and other contaminants. The sealant must be at room temperature and well shaken before use. Optimal processing conditions are 15-25°C and a relative humidity of 40-60%. High temperatures and low humidity reduce the drying time, while low temperatures and high humidity prolong it. Do not apply below a temperature of 10°C.
Please note: in combination with P4, P2 sealant can only be used 12 hours after applying P4.

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Other

All data contained in this data sheet are based on our knowledge and experience and also serve to ensure normal intended use. The user is responsible for checking the suitability and use of the product and is not released from this responsibility. Processing instructions that are not clearly stated in the installation instructions are carried out at the user's own risk. The product is specifically intended for use in combination with other products.

Component hazard: A

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]. The product is not classified as dangerous according to Regulation (EC) 1272/2008 and its amendments.

General information:

Form: liquid
Colour: White
Odour: Odourless
pH: 7
Melting point/freezing point: 0°C
Initial boiling point and boiling range: 100°C
Relative density: 1.04 g/cm³
Water solubility: soluble

Component hazard: B

Curing agent

CAUTION GHS07 IRRITANT

Hazard statements (CLP)

H332	Harmful if inhaled
H317	May cause an allergic skin reaction
H335	May cause respiratory irritation
H412	Harmful to aquatic life with long lasting effects Precautionary statements (CLP)
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P302+P352	IF ON SKIN: Wash with soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P314	Call a POISON CENTER or doctor/physician if you feel unwell.
P501	Dispose of contents and container in accordance with all local, regional, national and international regulations Hazardous ingredients: 1,6-diisocyanato-, homopolymer, polyethylene-polypropylene glycol mono-Bu ether-blocked. Additional labelling elements: Contains isocyanates. May produce an allergic reaction.