



ARDEX P 62 SB

Concrete Repair Primer

- Primer for strengthening porous and generally brittle, absorbent cement subfloors indoors
- For strengthening the subfloor prior to textile, pvc and parquet applications
- One-component, ready-to-use
- High penetration levels
- Solvent-free
- Very low emissions



Description

ARDEX P 62 SB is a single-component, ready-to-use, sodium silicate-based primer with very low emissions, designed to strengthen weak, porous, and absorbent cement-based substrates in indoor areas.

Use

Indoors. Floors.

Ready-to-use primer for strengthening porous and generally brittle, absorbent cement subfloors indoors.

Substrate Preparation

Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting

substances. Use a suitable mechanical procedure to remove separating layers.

The subfloor must be highly absorbent. To enable ARDEX P 62 SB Concrete Repair Primer

to penetrate the surface to a sufficient extent, it must be mechanically pre-treated, i.e. sanded using a grain of 16 or 24.

Application

Shake primer well before using. Apply ARDEX P 62 SB Concrete Repair Primer on the subfloor using a long-pile velour roller (8 - 16 mm pile length) and immediately recover any excess without letting the substance pool. Apply approximately 600 g/m² of ARDEX P 62 SB and sprinkle the entire surface of the still fresh primer with 0.2

– 0.8 mm quartz sand.

After 3 to 5 days drying time, sand the surface intensively with grain 24 or 40 and remove the quartz sand by vacuuming. Depending on the absorbability of the subfloor, higher application quantities above 600 g/m² may be needed. This increases the drying time, in which case the readiness for laying must always be determined by means of CM measurement.

Subsequent bonding can be carried out using ARDEX MS or PU parquet adhesives.

The curing effect is assessed using a PressoMess tool. For this purpose, prepare at least five test samples per test area. Prepare one test area for each 200 m² at least, or for each building section, storey or separate residential unit.

Parquet adhesive use, depending on the curing effect:

0.8 N/mm² shear strength, direct bonding of ARDEX decoupling systems after consultation with technical support

1.5 N/mm² shear strength, direct installation of mosaic parquet (cube), edgewise lamella parquet, and engineered multilayer parquet

2.0 N/mm² shear strength, direct bonding of all standard-compliant parquet types



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Levelling work, depending on the curing effect:

> 0.8 N/mm² shear strength, prime with ARDEX PU 30 Polyurethane Primer. Sprinkle the entire surface of the fresh primer with 0.2 – 0.8 mm quartz sand.

Level the surface to a minimum thickness of 3-4 mm using ARDEX K 11 T Levelling Compound, dust-reduced. Textile and elastic floor coverings and parquet can then be bonded.

For laying solid wood planks or wood blocks on the levelled area, shear strength of > 1.5 N/mm² of the screed is necessary.

In event of doubt, please consult the competent advisor or the ARDEX Technical department.

Considerations

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity. Low temperatures and/or high humidity can delay curing.

In cold weather, bring ARDEX P 62 SB to room temperature in heated rooms.

Puddles can impair the adhesion of later layers, therefore it is essential to prevent the compounds from pooling. Hardened pools of ARDEX P 62 SB Concrete Repair Primer must be mechanically removed before work is continued.

Do not use ARDEX P 62 SB Concrete Repair Primer where high screed moisture levels are present or where moisture has built up in structures in contact with earth. ARDEX P 62 SB Concrete Repair Primer is not suitable for use with calcium sulphate screed.

Open containers must be sealed tightly and used up quickly.

In case of doubt, carry out a test application.

Warning

May cause irritation and an allergic reaction to the skin. Wear protective gloves, clothing, eye and face protection.

In case of skin contact, wash thoroughly with plenty of water and soap. In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical advice.

For commercial and professional use only!

May not come into children's hands.

Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/ international regulations.

For further information, please refer to the relevant Safety Data Sheet (SDS).

TECHNICAL DATA ACCORDING TO ARDEX QUALITY STANDARDS

Base: Modified sodium silicate

Consumption: Approx. 600 g/m² (dependent on surface structure and absorbability of substrate)

Drying time*: 3-5 days

* Values calculated under lab conditions (+20°C room temperature 65% relative humidity). Weather and environmental conditions may affect the values. Higher temperatures and low humidity decreases the time required, whereas lower temperatures and high humidity increases it.

Suitable for underfloor heating: Yes

GHS/CLP classification: None

GGVSEV/ADR Classification: None

EMICODE: EC1^{PLUS} - very low emissions

GISCODE: None

Cleaning agent: Fresh water

Packaging: Canister with 11 kg net

Shelf life and storage: Can be stored in dry rooms for approx. 12 months in the original sealed container. Store in a frost-free place. Store in an upright position.

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