ARDEX P 51 MIX

Primer and Bonding Agent

- Reliable primer with a wide range of applications
- Primer, bonding agent and pore filler with water-repellent effect
- Prevents air bubbles from rising from the substrate during filling
- Solvent-free

Description

Solvent-free synthetic resin dispersion which, after drying, significantly inhibits the penetration of water.

Use

Indoor use. Floors, walls and ceilings.

Priming, pre-coating, bonding agent and pore sealer with water-repellent effect.

For bonding powdery substrate surfaces, e.g. on sanded, absorbent calcium sulphate and calcium sulphate selflevelling screeds, for priming cement screeds, for accepting filling, levelling and smoothing compounds.

As a bonding agent on smooth concrete floors, particularly compacted cement screeds, modified calcium sulphate screeds, Terrazzo, sandstone, tiles and slab coverings when using levelling compounds and thin-bed mortars.

As a bonding agent on old substrates with adhering levelling compound and adhesive residues.

As a pore sealer on concrete floors and cement screeds

– prevents air bubbles from rising from the substrate during subsequent filling applications
– prevents mixing water from being knocked away during subsequent filling.

For priming gypsum, calcium sulphate and chipboard for thinbed concrete mortar.

As a bonding agent on smooth concrete for gypsum-based wall fillers.

Protective coating for dust binding on fillers and levelling compounds that are used as work surfaces for a short time.

Substrate Preparation

Substrates must be dry, firm and free from dust, water soluble materials, excess adhesive residues and other barriers to adhesion.

Surface contamination such as residues of polish, wax, grease, etc. should be removed prior to suitable mechanised preparation.

Application

Pour ARDEX P 51 Mix Primer and bonding agent into a clean container.

Apply the primer evenly with a broom, brush or roller and allow to dry to a clear, thin film before starting the next step.

Material Requirement:

ARDEX P 51 Mix penetrates the surface and is absorbed to a certain extent, so there is no specific application thickness. It is used by diluting with water in the proportions specified in Table 1, and creates a thickness of up to 200µ.

Consumption will be approx. 200 gr when used to balance the moisture level or to bind up the dust on the surface.

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Table 1: Suitable primer type and dilution rate based on substrate	ARDEX P 51 MIX
Application of cementitious screeds, porous anhydride, glaze plaster or self-leveling compounds on porous surfaces	1:½
Application of gypsum plaster and finishings on slippery gross concrete	undiluted
Application of cementitious finishings on gypsum panels or gypsum plaster.	undiluted

Considerations

When applying to old substrates, ensure that the levelling compound and adhesive residues are waterproof, sufficiently load-bearing for future loads and adhere well to the substrate. Allow the primer film to dry overnight. Water-soluble levelling compound and adhesive residues (e.g. containing sulphite lye) must be completely removed.

For adhesive residues based on polyurethane, epoxy resin and bitumen, use ARDEX P 82 Synthetic Resin Primer as a bonding agent.

Coatings to be applied on existing ceramic, terrazzo, natural stone, PVC, etc. must be fully bonded to the substrate and must not be detached in any way. Before priming, the surface should be thoroughly cleaned with appropriate products (preferably Lithofin).

In case of doubt, carry out a test application.

Warning

May cause an allergic reaction.

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 Standarts

Material requirement:	200 g/m²
GHS/CLP classification:	none
GGVSEV/ADR classification:	none
Packaging:	10 kg or 25 kg plastic can
Shelf life and storage:	Can be stored frost-free for approx. 12 months in the original sealed container.

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