



ARDEX P51

Primer and Bonding Agents

FEATURES

Floor, wall and ceiling

Safe primer with a wide application range

Primer, bonding agent and water-inhibiting pore closer

Prevents air bubbles rising from the sub - floor when finishing

Solvent – free



本企业通过ISO9001:2000质量认证体系



ARDEX HONG KONG LIMITED
Unit D, 16/F., CNT Tower , No.338 Hennessy Road,
Wanchai, Hong Kong
TEL: (852) 2529 6325 FAX: (852) 2529 8615

ARDEX(SHANGHAI)CO., LTD.
TEL: (021) 6404 8028 FAX: (021) 6404 6033
Hotmail: 800-820-7022
www.ardexchina.com

ARDEX P51

Primer and Bonding Agents

DESCRIPTION

Solvent-free, blue synthetic resin dispersion, which after drying clearly inhibits water penetration.

AREAS OF APPLICATION

Water-inhibiting primer, precoat, bonding agent and pore closer. Primer cement screeds to take finishing, repairing and leveling compounds.

As a pore closer on concrete and cement screeds:

It prevents air bubbles rising from the substrate in subsequent finishing layers;

It prevents any mixing water being drained in subsequent finishing layers.

Priming gypsum, anhydrite and wooden particleboards for thin bed mortar.

Bonding agent on smooth concrete for gypsum-bound wall finishing compounds.

Protective coat against dust formation on finishing and repairing compounds, which are to serve as wearing surfaces for a short time.

Indoors.

SUBSTRATES PREPARATION

The substrate must be dry, porous, firm and free from dust and release agents.

MIXING RATIO

Use clean container.

Use ARDEX P51 bonding and priming dispersion undiluted as a primer and bonding agent on wooden particleboard panels for tile setting;

Dilute 1:2 with water as a pore closer for porous concrete sub-floors and ceilings;

Dilute 1:3 with water as a primer and bonding agent on absorbent substrate.

APPLICATION

Apply primer evenly and allow drying to give a clear, thin film before beginning any subsequent work.

COVERAGE

Approximately 300g of undiluted ARDEX P51 per m² as a primer and bonding agents on wooden particle board;

Approximately 100g in concentrated form at 1:2 with water give 300g of diluted ARDEX P51 per m² as a pore closer on porous concrete and cement screed flooring;

Approximately 50g in concentrated form at 1:3 with water gives 200g of diluted ARDEX P51 per m² as a primer and bonding agent and to bind dust.

Substrate pre-treatment for subsequent finishing, repair and leveling work with products from the ARDEX range can be seen in the table below on the application of primers.

Note: ARDEX P82 is a synthetic resin primer, which consists of two components and has the effect of a neoprene primer.

SUBSTRATE	PRIMER	DILUTION ARDEX P51: WATER
Smooth and dense substrates such as pre-fabricated concrete floors or particularly compacted cement screeds and wooden particle boards when using finishing and repairing compounds	ARDEX P82	-
Smooth and dense substrates such as improved anhydrite screed flooring, terrazzo, sandstone, tiles and board coverings when using ARDEX K15 smoothing and leveling compound for other repairing compounds	ARDEX P82 ARDEX P82	- -
Porous concrete and sand/cement sub-floors and ceilings	ARDEX P51	1:2
Very porous concrete sand/cement screed, highly sucking, anhydrite screeds and flowing anhydrite screeds, absorbent or ground beneath or between finishing and repairing compounds	ARDEX P51 May require 2nd coat ARDEX P51	1:3 1:1
Smooth concrete walls and ceilings for gypsum-bound finishing compounds	ARDEX P51	1:3
Gypsum wallboards and gypsum plastering for wall finishing compounds and cement-based thin bed mortar	ARDEX P51	1:3
Wooden particle board panels when setting tiles with ARDEX S16 quick-setting building adhesive improved with ARDEX A90	ARDEX P82	-
Mastic asphalt, badly sanded old mastic asphalt floors, asphalt slab coverings, magnesium oxychloride flooring, synthetic coatings, synthetic flooring, varnishes, coats of paint, metal, wood, varnished, beneath thin bed mortars and repairing compounds	ARDEX P82	-

PACKAGING

Plastic container with 20L or 10L or 5L

STORAGE & SHELF LIFE

Can be stored for approximately 24 months in originally sealed packaging in a place free from frost.

The technical details, recommendations and other information contained in this datasheet are given in good faith and represents the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable National or Local Standard, our instructions & recommendations, and only for the uses they are intended. Regional specific recommendations, standards, codes of practice, building regulations or industry guidelines may affect specific installation recommendations. Our Company policy is one of continuous Research & Development; we therefore reserve the right to update this information at any time without prior notice. We guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof. The supply of our products and services is also subject to certain terms, warranties & exclusions; these details will be made available to you on request. You should make yourself familiar with them.