

Neobond® Primer



Strong bonding quartz sand primer

Description

Strong bonding quartz sand primer, with medium and coarse quartz sand
Ideal for the adhesion improvement of mortars on smooth substrates.

Fields of application

- On smooth surfaces, such as exposed concrete, cement boards, gypsum boards and polystyrene sheets, for enhancing the adhesion of succeeding plasters, mortars, tile adhesives, etc.
- Over surfaces painted with acrylic-emulsion paints, as an adhesion bridge



Colours

GREEN

TERRACOTTA

Properties - Advantages

- Very strong adhesion on smooth and non-absorbent surfaces
- May be overcoated even after several days have passed from its application
- Resistant to the alkalis of the cement
- Suitable for interior and exterior use
- Ready to use and easy to apply

Packing

15kg, 5kg and 1kg

Certificates – Test reports

- CE certification acc. to EN 1504-2
- Test report by the external independent quality control laboratory Geoterra (No. 2023/333_36)
- Complies with the V.O.C. content requirements acc. to the E.U. Directive 2004/42/CE



Technical characteristics

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| Density (EN ISO 2811-1) | 1,45kg/L (±0,1) |
| pH (ISO 1148) | 8-9 |
| Adhesion strength (EN 1542) | >2,5N/mm ² |
| Liquid water permeability (EN 1062-3) | <0,1kg/m ² h ^{0,5} |

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| Permeability to CO ₂ – Diffusion-equivalent air-layer thickness Sd (EN 1062-6) | >50m |
| Water vapour permeability – Diffusion-equivalent air-layer thickness Sd (EN ISO 7783) | >5m (Class II) |
| Consumption: 200-350 gr/m² in one layer (depending on the absorptivity of the substrate) | |

Application conditions

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| Substrate moisture content | <4% |
| Relative air humidity (RH) | <70% |
| Application temperature (ambient - substrate) | +10°C min. / +35°C max. |

Curing details

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| Drying time (+25°C, RH 50%) | 3 hours |
| Dry to overcoat (+25°C, RH 50%) | 24 hours |
| <i>* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them</i> | |

Instructions for use

Substrate preparation

The surface must be stable, clean, dry, protected from rising moisture and free of dust, oil, grease and loose materials. Any loose materials and older coatings must be removed carefully by proper mechanical or chemical means.

Application

After thorough stirring, **Neobond® Primer** is applied, undiluted, on the smooth and non-absorbent substrate, by roller or brush, in one thin layer.

Special notes

- **Neobond® Primer** should not be applied under wet conditions, or if wet conditions are expected to prevail during the application or the curing period of the product.
- If needed, **Neobond® Primer** may be diluted up to 3% with water.

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| Appearance | Viscous liquid |
| Colours | Green, terracotta |
| Packing | 15kg, 5kg and 1kg in plastic pails |



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| Cleaning of tools – Stains removal | By water immediately after the application. In case of hardened stains, by mechanical means only. |
| Volatile organic compounds (V.O.C.) | V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AgWB: 30g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <30g/l |
| UFI code | 2C30-005V-U00F-NDGM |
| Storage stability | 1 year, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation. |



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DoP No.: 4950-97

EN 1504-2

Neobond® Primer

Surface protection products

Coating

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|--|--------------------------------------|
| Water vapour permeability | Class II |
| Adhesion strength | $\geq 1.5\text{N/mm}^2$ |
| Capillary absorption and permeability to water | $W < 0.1\text{Kg/m}^2\text{h}^{0.5}$ |
| Permeability to CO ₂ | $S_D > 50\text{m}$ |
| Reaction to fire | Euroclass F |
| Dangerous substances | Complies with 5.3 |

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA. It is offered as a service to designers and contractors to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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