Bona D501

Dispersion based primer

Bona D501 is a one-component primer for the preparation of substrates prior to the use of Bona silane-based adhesives like Bona Quantum or Bona R820. It is designed to bind dust on suitable absorbent cementitious substrates (except for magnesium industrial floors) and for chipboard, plywood, OSB and similar substrates.

- Very low emission, EMICODE EC-1 Plus
- Solvent free (accord. to TRGS 610)
- Vapor permeable
- Dust binding
- Fast drying
- Suitable for underfloor heating

Technical Data

Product type:	1 component acrylate dispersion
Colour:	White
Viscosity:	Liquid
Dilution:	Do not dilute
Drying time:	1 - 2 hrs at 20° C and 55 % RH
Application tools:	Bona Roller and brush
Application rate:	6 - 7 m^2 / Lt.
Safety:	Please consult the Safety Data Sheet
Cleaning agents:	Water
Shelf life:	12 months from the date of production in unopened original canisters
Storage/Transport:	The temperature must not fall below +5° C or exceed +25° C during storage and transport. Store in a dry, well-ventilated place.
Pack size:	5 L
Disposal:	Waste and emptied containers should be handled in accordance with local regulations.
Certificates:	EMICODE; EC1^{PLUS} – Very low indoor emissions

Additional detailed information is noted in the appropriate Safety Data Sheet.

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Subfloor Preparation

The substrate must be even, totally dry, clean, free from cracks and physically sound. The surface should also be slightly textured. If applicable, it must meet the requirements of local standards or codes of practice. If necessary, it should be professionally prepared for laying.

Optimal conditions for use are min. 18° C and 30 - 60% relative humidity. The floor temperature should be min. 15° C (with underfloor heating max. 20 °C). High temperatures and low humidity shorten drying times, low temperatures and high humidity lengthen the drying time.

Suitable Subfloors

- Cementitious screed according to EN 13813
- Calcium sulphate screed according to EN 13813
- New chipboard (P4-P7) or OSB 2 – OSB 4 boards, screwed tightly
- Other dry and sound board sub floors
- Wooden substrates

Application

Apply Bona D501 evenly to the substrate using a brush or roller. Observe the correct application rate: 6 - 7 m^2 / Lt. Avoid the formation of pools. Allow Bona D501 to dry to a transparent film.

After the substrate is dry, approx. 1 – 2 hours, depending upon the porosity of the substrate and the site conditions installation using a suitable Bona silane parquet adhesive can commence.

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