

D-BOND PU 2K

Two-component, polyurethane adhesive

D-BOND PU 2K is a two-component, polyurethane adhesive with a wide range of applications. It is suitable for very demanding indoor, outdoor applications and for underfloor heating. It is used for the adhesion of various types of parquet, PVC as well as synthetic grass on cementitious substrates or surfaces with existing ceramic tiles.



Advantages:

- Strong adhesion
- High elasticity, excellent workability
- Easy and fast application
- High solids loading
- Resistant to humidity and heat



PRODUCT CHARACTERISTICS



Packaging:

- Component A - 9 kg
- Component B - 1 kg



Application:

Suitable for indoor and outdoor application.



Color:

Ochre



Storage:

Component A is stored in a dry environment at temperatures above 0°C for 24 months from the production date, while component B for 12 months from the production date.



Consumption:

~ 0,8 – 1,0 kg/m².

FIELDS OF APPLICATION

D-BOND PU 2K is suitable for indoor and outdoor use, on absorbent and non-absorbent substrates for the adhesion of PVC, synthetic grass and various types of parquet. It is suitable for applications on:

- PVC
- Wood
- Polystyrene
- Cementitious substrates
- Bitumen surfaces
- Sports terrain
- Rubber

The product is suitable for underfloor heating and walkable after 24 hours for small loads and 7 days for heavy loads.

SUBSTRATE PREPARATION

The substrate must be flat and free from dust, water and old adhesives. If the substrate's moisture is high, use the appropriate waterproofing primer. If there are cracks or impurities on the substrate, use the repairing and self-levelling products of THRAKON. In the case of sports terrain or synthetic grass, the manufacturer's instructions must be followed.

APPLICATION

Insert the contents of component B to component A and mix slowly using an electric stirrer until a uniform mixture is formed. You should always mix the complete quantities of components A and B as small deviations may cause significant differences to the properties of the final hardened product. At low temperatures the product loses its workability resulting in mixing difficulties. At high temperatures material curing is accelerated.

After mixing, apply the product by spreading it on the surface with a toothed spatula. The product's open time is 60 min at +23°C. Place the tiles on the surface of the product by pressing gently, until they reach the correct position. Excess product should be cleaned immediately. If necessary, apply weight on the tiles.

TOOL CLEANING

The product must be cleaned while still wet with the use of white spirit of LS-702 or LS-703 solvent. After hardening, the product can only be removed by mechanical means.

NOT RECOMMENDED

Application is not recommended:

- At temperatures below 10°C and above 35°C.
- When the relative humidity is above 80%.
- During rain.
- On substrates with stagnant water.

PRECAUTIONS

For safety precautions and safety of use of the product please refer to the Safety Data Sheet of the product. The Safety Data Sheet of the product is available to professionals upon request.

Τεχνικά Χαρακτηριστικά		Μονάδες	Πρότυπο	Τιμές / Χαρακτηριστικά
Form	Component A			Paste
	Component B			Υγρό
Color	Component A			Ochre
	Component B			Ochre
Mixing ratio A:B				9:1
Hardening temperature		°C		>10
Viscosity		mPas		32000 ± 4000
Density		g/cm ³		1,45 ± 0.05
Open time		min		90
Wood-concrete adhesion		N/mm ²	EN 14293	1,3
Wood-ceramic adhesion		N/mm ²	EN 14293	1,2
Elongation		%	ISO 37 – type 3	80
Shore A			EN ISO 868	60
Walkability		h		24
Time to sanding		h		72

*Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50% and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.
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