

# Bona D705

## Technical data sheet

D705 is a dispersion and solvent (app. 4 weight-%, Ethylacetat, Ethanol) based parquet adhesive according to EN 14293 (hard)/ISO 17178 (hard) with low water content.

- Low solvent content
- Very easy to apply
- Firm texture – retains trowel pattern
- Rapid setting
- Long open time

### Technical data

Solids content:	70 %
Water contents:	26 %
Solvent contents:	4 %
Product type:	Dispersion of polyvinyl-acetate
Viscosity:	Easy to apply, stable
S.G:	1.4 g/cm <sup>3</sup>
Cleaning Agent:	Water
Storage:	Keep in a cool place, protect from frost.
Shelf life:	12 months
Pack Size:	22 kg buckets (24 per pallet)

Additional information is available on the Material Safety Data Sheet.

### Preparations

The substrate must be even, totally dry, clean, without cracks, physically sound and have a slightly textured surface. It is recommended that substrates are primed with Bona D500

Avoid the formation of pools on the surface. Uneven floors should be levelled with Bona H600. Suitable substrates (also with under floor heating) are :

- Cementitious screed (CT) according to EN 13813
- Floors levelled with levelling compounds (at least 2 mm thick),
- Wooden substrates
- Chipboard (V100)

Fastening



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Fastening



### Application

Before using the adhesive the climatic conditions must be similar to the usage conditions of the parquet. In Central Europe they must meet:

- Air temperature: min. 18 °C
- Floor temperature: min. 15 °C (with underfloor heating not more than 20°C)
- R.H: max. 70 %

However, dispersion based adhesives dry slower if the relative humidity of the air is high or the temperatures are low!

The adhesive itself must, if necessary, be brought to the right temperature and stirred before use. An area which can be worked in approximately 20 minutes should be evenly coated with the adhesive using a notched trowel (see below). During this time the parquet should be laid on the adhesive and pressed down firmly

### Consumption/parquet types

Depending on the expected average conditions the parquet needs, for the best adhesion, the correct moisture content of the wood to be selected. Solid wood parquet should be slightly more humid whilst multi-layered or pre finished parquet should be slightly drier. E.g. in Central Europe average room conditions of 20°C and 50 % relative air humidity can be expected. Solid wood parquet shall have therefore, in general, an average humidity of 9 % whereas multi-layered and pre finished parquet shall have in average 8 %. Typical deviations from the average are +/- 2 %. Where doubts exist, avoid too dry material.

Please also refer to the instructions for use provided by the parquet manufacturer  
Usage approximately 850 g/m<sup>2</sup>:

Mosaic parquet and similar 1 layered prefinished parquet

Usage: approximately 1000 g/m<sup>2</sup>:

10 mm solid parquet oak (max. dimension: 5 cm \* 25 cm)

Wood block paving (RE-V) up to 40 mm in thickness

22 mm strip flooring

2 layered prefinished parquet

3 layered prefinished parquet - strips (from 10 mm in thickness/shorter than 120 mm), boards (thicker than 13 mm)

Usage: approximately 1250 g/m<sup>2</sup>:

End grain

Wood block paving (RE-V/W)

22 mm strip flooring

3 layered prefinished parquet, boards (>10 mm thickness, shorter than 1200 mm,

Use a fine tooth trowel for small elements and / or smooth substrates, and a coarse tooth trowel for large elements and / or less smooth and rough surfaces.

N.B. F= Fine      G = Coarse

After 24 to 72 hours it is possible to apply load or stress to the floor. Sanding and a surface coating may be applied after 4 to 10 days depending on the type of parquet, absorbency of the substrate and room climate.

Bona takes only responsibility for the delivered product, no responsibility can be taken for the total installed product. If in doubt, conduct a test or a trial. Observe also other Bona product datasheets.