

STUFEX[®] PL 300

Dual-component epoxy-polyurethane adhesive

Rev. February 2014

Applications

Dual-component epoxy-polyurethane adhesive for bonding wood flooring of any type laid on traditional concrete or wood support or on existing non-absorbent flooring (tiles, Palladian-style mosaic, etc.) after the appropriate treatment.

Stufex PL 300 adhesive does not contain water and therefore it does not cause the wood to deform, enabling strips of any type and size to be laid.

It can be used for flooring with radiant heating, for bonding pre-finished or industrial parquet.

Technical data

PRODUCT IDENTIFICATION DATA	
Part A viscosity on testing	140000 +/- 5000 mPa s
Part B viscosity on testing	2600 +/- 200 mPa s
Pot life	1 hour according to the mass and room temperature.
Catalysis ratio	9:1
Conservation	In the original container kept tightly shut, at room temperature. Use preferably within 6 months.
APPLICATION DATA	
Application temperature	Min. +10°C
Drying time	Bonds in 36 - 48 hours
How to apply	Wide-groove spatula (no. 5)

The above information applies to a temperature of 20°C and relative humidity of 60%. A different temperature and/or relative humidity can lead to significant variations in these data.

Also available in a monotone coloured version.

How to apply

PREPARATION

The under-surface must be compact, with a normal moisture-content, free from dust, lime, building site residues and anti-adhesive substances in general. To maximise the yield and the adhesive properties, we recommend applying a coat of Stufex PR 100 primer (see the technical specification). For poorly consolidated surfaces or damp surfaces, we recommend using the consolidating primer Stufex PR 92 (see the technical specification). Stufex PL 300 must only be laid after the primer has dried out completely.

Non-porous materials such as ceramic tiling and marble and varnished wood must be thoroughly degreased and roughened by rubbing down. The surface must be carefully checked for any wax which will adversely affect the bonding of these materials.

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APPLICATION

Mix the two components thoroughly using an electric mixer with a whisk.

Spread the adhesive on the under-surface, covering small areas at a time. The flooring strips must be laid immediately after the adhesive has been applied, tapping them down carefully to ensure the entire surface is covered in glue.

Flooring must not be rubbed down until sufficient time has elapsed to ensure complete bonding. In normal conditions this happens after 36 - 48 hours.

(Tools and glue stains can be cleaned with alcohol or STUFEX 003 thinner).

Yield

The ideal quantity to apply is

1200-1400 g/m²

according to the condition of the surface.

Packaging

The product is supplied in tins of

component A: 9kg

component B: 1kg

Warnings

When handling avoid contact with the eyes or skin, wear suitable protective clothing because the product may cause irritation.

The instructions provided in this document are consistent with the most recently available information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied.