

Product Information Bulletin

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501 - TWO PART POLYURETHANE PARQUETRY ADHESIVE

DESCRIPTION:

501 is a Two part polyurethane adhesive. 501 is specifically designed for adhering most wood, mosaic and block parquetry flooring to most common concrete and timber substrates with a superior curing rate.

CHARACTERISTICS AND ADVANTAGES

501 Part A (Resin)

- Viscosity
- Colour
- Spec. Gravity
- Mixing Ratio
- Pot life at 20°C
- Coverage
- Curing
- Resistance
- Resistance to
- Shelf life
- Available in

Paste

Yellow / Brown

1.45kg/l

5 parts by weight

Approx. 60min , high temperatures accelerate, while low temperatures will retard curing.

0.7 - 1m² /Kg with a 3mm notched trowel.

48 hours preferable.

Normal floor traffic acceptable after minimum 8 hours. 48 hours in high traffic areas.

Dilute acids, alkalis, solvents and chemicals after 7 days.

12 months in unopened container stored under cover at 20°C.

12kg packs

501 Part B (Hardener)

Liquid

Dark Brown

1.2kg/l

1 part by weight

SURFACES PREPARATION

All surfaces shall be dry, sound and smooth, free of wax, curing compounds, grease, paint, old adhesive, dust, dirt and curing compounds. New concrete surfaces must be completely cured. Ensure the moisture content of the concrete is below 5% or below 70% relative humidity. To assess sub-floor moisture/humidity levels prior to adhesive application use an appropriate moisture/humidity reading apparatus. If the moisture/humidity content is above the acceptable limits an approved moisture barrier must be applied to the sub-floor prior to the application of the adhesive.

Strip timber floors should be covered with fibrous cement sheeting in accordance with manufacturers specifications. Structural particle board flooring should be sanded to remove the wax coating prior to the application of the adhesive. Please note: All sub-floors should be in accordance with current Australian Standards.

This adhesive should not be used in excessive cold or excessively hot conditions i.e. below 8°C or above 28°C. This adhesive will not stand up to hydrostatic pressure or capillary action.

APPLICATION

1. Mix part A (resin) with part B (hardener). The quantities are at a ratio of 5 part resin to 1 part hardener. Stir the hardener thoroughly into the resin until a uniform colour is obtained, for best results use an electric drill with a mixing paddle attached.
2. Apply 501 to the substrate with a 3mm notched trowel (3mm across the mouth of each notch 5mm of metal between each notch)

3. Spread adhesive out onto a manageable area, no more than 0.7 - 1m² / Kg
4. Lay parquetry into wet adhesive.
5. Do not allow heavy traffic for 8 hours.
6. Sanding can commence after 48 hours.

CLEAN UP

Remove excess adhesive while still wet with methylated spirits, tools must also be cleaned with methylated spirits before adhesive sets.

PRECAUTIONS

1. Do not use adhesive below 8°c or above 35°C of subfloor conditions.
2. This product will not stand up to Hydrostatic pressure or capillary action.
3. Mixing procedure must be strictly followed as per our instructions.
4. Ensure gloves are worn when applying the polyurethane adhesive.
5. Do not allow adhesive to freeze, unaffected by freezing when dry.

STORAGE AND USAGE

Use in well ventilated areas. Keep container closed, store away from sources of heat. Do not allow adhesive to freeze, unaffected by freezing when dry. This adhesive has a shelf life of 12 months from date of manufacture providing the adhesive is unopened and stored undercover at 20°C.

VENTILATION

Always make sure that there is adequate ventilation when using this adhesive.

CONDITIONS OF SALE: contain a limited warranty against manufacturing defects.

NOTICE TO THE PURCHASER

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Users assume all risk and liability resulting from the use of this product and must confirm the suitability thereof by their own tests.

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