

# Marocol PU2/D480

## SMART ADVANTAGES

- Solvent free.
- Long working time.
- Easy and fast application.

## PRODUCT

Simson Marocol PU2/D480 is a thixotropic, 2-component, polyurethane construction adhesive without solvents.

## APPLICATIONS

- Bonding of plywood, fibreboard and GRP panels.
- Bonding non porous synthetics and metals
- Bonding of synthetic and teak decks

## ADHESION

On metal and GRP an excellent adhesion is achieved by roughening and degreasing with Bostik Cleaner I. For lacquered and coated surfaces we advise to remove the layers by roughening and degreasing with Bostik Cleaner I. For detailed information about these applications, please consult Bostik.

## METHOD OF USE

**Application conditions:** Application temperature between +15°C and +25°C and a relative humidity between 40% and 60%.

**Substrate:** The substrate should be dry, clean and free of dust and grease. Smooth, non porous materials, such as metals, should be roughened and degreased.

**Application method:** Machine, spatula.

**Mixing ratio A:B in weight:** 100:16.

**Mixing ratio A:B in volume:** 100:24.

**Mixing:** Mix both components, in the right mixing ratio, until both components are mixed homogenously.

## TECHNICAL DATA

CHARACTERISTICS	VALUE
Basic Material	PU
Curing Method	2 components
Viscosity	Thixotropic
Specific gravity	1.68 kg/L
Tensile strength	>12 MPa
Shear strength	>5MPa
Solvent	0%
Temperature resistance	-30°C - +90°C

**Pot life 20°C/55%R.H.:** 115 minutes.

**Application:** The mixture has to be applied within 115 minutes. Apply Marocol PU2/D480 on one side (on strong porous surfaces two sides).

**Open time 20°C/55% R.H.:** 200 minutes. The open time depends on the temperature and the relative humidity. The open time is measured after mixing at a consumption of 500 g/m<sup>2</sup>, a temperature of +20°C and a relative humidity of 55%.

**Assembling:** After applying the adhesive, assemble the parts (within the open time) and immediately clamp or press (0,1 - 1 kg/cm<sup>2</sup>).

## SMART HOTLINE

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