

# **TECHNICAL DATA SHEET**

REVISED: 11/08/2022

## **SPECIAL PU 2K**

### **ADHESIVES FOR WOODEN FLOORINGS**



High-quality structural adhesive, comprising of a bi-component polyurethane system (A+B) created for laying of wooden flooring.

Suitable for:

- Wooden flooring on cement, marble, broken ceramic
- Sticking parquet on underfloor heating

#### **TECHNICAL FEATURES:**

- + Low shrinkage
- + Free from excess water
- + Solvent-free

#### **PREPARATION OF SURFACE**

All grounds and surfaces must be dry, porous, dust-free, and free from paint and oil. Humidity of the substrate and of the wooden flooring should be checked prior to laying the flooring. This should have a maximum humidity: Cement max 2%; Gypsum max 0.5%. The wooden flooring materials should have a humidity content of 7%-9%. Cement substrates with higher humidity, or which are too thin or fragile should be treated with our PRIMER SP. For laying on pre-existing substrates such as marble or ceramic it is advisable to improve adhesion by sanding or scoring the surface and carefully removing any residue.

#### **PREPARATION OF MATERIALS**

Before commencing installation, we suggest leaving the materials on site for one day prior to commencing work for it to be done at room temperature. Apply the product in accordance with the manufacturer's recommended installation temperature.

#### **PREPARATION OF THE PRODUCT**

Combine the hardener (Component B) with the resin base (component A) and mix the two components (1.0kg component B with 9.0kg component A). The product must be mixed at low speed for around 5 minutes using an electric mixer (about 250/500 rpm).

#### **PRODUCT APPLICATION**

Spread the product on the substrate using a grooved spatula, then lay the wooden flooring taking care to ensure the adhesive coats all contact surfaces. Any surplus can be removed using diluted nitro thinner or ethyl alcohol.

#### **COVERAGE**

1000-1200 gr/m<sup>2</sup>. Using a grooved spatula (depends on the condition of the surface to be treated).

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#### ADVICE

- Always check the humidity of the substrate and the humidity of the flooring to be laid by using appropriate instruments
- Before laying, let the wooden materials acclimatise for up to one week, as well as any adhesive, paints, varnishes) at a temperature between +15°C to 35°C.
- Ensure the area to be installed maintains the same relative humidity
- Ventilate the area when using this product
- Do not use the adhesive to fill in any gaps in the wood

#### PACKAGING

PRODUCT CODE	WEIGHT	UNIT	TYPE OF PACKAGING	PCS IN BOX
20161-N	10	kg	Bucket	1

#### STORAGE

The product is guaranteed in its original packaging, in standard conditions (+5 °C to + 35 °C), for 18 months from date of production. It is important to keep the product in dry conditions, away from heat sources and direct sunlight.

#### TECHNICAL PRODUCT DATA

<b>Physical appearance of paste (Part. A)</b>	<b>White thixotropic paste</b>
<b>Physical appearance of hardener (Part.B)</b>	Brown liquid
<b>Weight ratio of mixture</b>	9:1- TOT - 10 kg COMP. A - 9 Kg COMP B -1 Kg
<b>Customs code (A &amp; B)</b>	3909 5090
<b>Minimum operating temperature</b>	+12°C
<b>Specific weight</b>	1.54 Kg/l
<b>Open time</b>	60/70 minutes a 25°C
<b>Load bearing after application</b>	10/12 hours at 25°C
<b>Wait time before sanding</b>	3/4 days at 25°C

#### SAFETY ADVICE

Keep away from babies and infants. Dispose of waste in containers suitable for building materials.

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### **GUIDANCE**

The information contained in this technical data sheet, resulting from our long experience, is purely indicative. Moreover, we advise that the user checks that the product is suitable for the purpose for which it is intended, and that they are responsible for its use.