



UNI EN ISO 9001:2008  
Quality System Certified Company



## TECHNICAL DATA SHEET PRODUCT

# R 0320 ECO

### PROFESSIONAL ADHESIVE, BICOMPONENT, FOR PARQUET AND WOODEN FLOORS

Bicomponent epoxy-polyurethane adhesive, water free, specific for bonding and gluing of any kind of wooden floor on concrete background or on non absorbing pre-existent paving (marble, granite, ceramic tiles, terrazzo, wooden supports)

#### FUNCTION

ADHESIVE FOR PARQUET AND WOODEN FLOORS

#### LINE

BUILDING

PROFESSIONAL

#### INDICATION

BONDING/GLUING OF ANY KIND OF WOODEN FLOOR ON CEMENT BASED BACKGROUND OR ON PRE-EXISTENT FLOORS SUCH AS MARBLE, GRANITE, CERAMIC TILES, PORCELAIN TILES, TERRAZZO AND WOODEN SUPPORTS IN GENERAL.

#### MATERIALS

ANY KIND OF WOOD

#### PREPARATION OF THE SUPPORT

Always verify the humidity of the background/support and of the wood with the suitable devices: the humidity must be lower than 2%. The moisture measurement of the background must be effected in depth (2 to 3 cm. about) by using a carbide vial hygrometer in order to exclude the possibility of the presence of highly hygroscopic substances (such as pumice, vermiculite, etc) which may release moisture contained in them thus causing the consequent swelling of the floor.

- The background/support must be compact, clean, dry, free of friable and powdering parts or free of loose materials such as paints, dust, wax or similar.
- Never lay on screeds not protected from the rising up of humidity; always insert a proper vapour-proof membrane. The powdering or poor cement backgrounds must be consolidated by a suitable primer (that also promotes a better adhesion of the glue) like Primer PRS 35.
- Never lay in rooms not protected by suitable windows and doors to avoid the entry of moisture.
- Never lay if walls and ceiling of the room are not well dry in order to prevent the wooden floor to absorb their residual moisture.

#### APPLICATION

First, do adapt the product to room temperature.

Before gluing, always check the moisture of the screed or of the mortar bed further, that anyway should be less than 2% (<0,5 anhydrite).

Do not dilute the product. Pour the content of the catalyst R 0320 ECO *component B* into the container of the adhesive R 0320 ECO *component A* and mix carefully, by low rpm electric stirrer, till to obtain an even and homogeneous mixture/paste.

The obtained mixture must be spread/applied with suitable notched spatula of large teeth no. 5.

The suggested room temperature during the application must be between +15°C (59°F) and +25°C (77°F) and the relative humidity must not be higher than 75%.

#### COMPOSITION

EPOXY-POLYURETHANE ADHESIVE, WATER FREE.

#### MIXING RATIO

COMPONENT A : COMPONENT B = 94 : 6

#### TECHNICAL DATA

see page 2



## STABILITY

The product CANNOT STAND THE FROST

Avoid storage at temperature lower than +5°C (41°F) or higher than +35°C (95°C)

## TECHNICAL DATA

<i>Aspect</i>	: Pasty
<i>Viscosity</i>	: 50000 - 120000 (Brookfield)
<i>Consumption</i>	: 1000 - 1400 g/m <sup>2</sup>
<i>Time of workability</i>	: 120 minutes about
<i>Range of application temperature</i>	: +10°C (50°F) to +30°C (86°F)
<i>Floor walkable after</i>	: 1 to 2 days according to the room temperature
<i>Polishing after</i>	: 3 to 7 days according to the room temperature
<i>Application Tool</i>	: Large teeth notched spatula n° 5

## NOTE

**R 0320 ECO** IS SUITABLE FOR BONDING/GLUING PARQUET AND WOODEN FLOOR ON HEATED BACKGROUND

## IMPORTANT

IT'S A CHEMICAL PRODUCT, SO ALWAYS ADOPT THE SUITABLE INDIVIDUAL PROTECTION SYSTEMS SUCH AS PROTECTING CLOTHING TO AVOID THE CONTACT WITH THE SKIN, SAFETY GOGGLES, IMPERMEABLE GLOVES. KEEP OUT FROM THE REACH OF CHILDREN

## PACKAGING

Set A+B of kg. 10 (kg. 9,4 component A + kg. 0,6 component B)

**LIMITATION OF LIABILITY** The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since application of the product is beyond the control of the manufacturer or supplier.

**A PRELIMINARY TEST IN A SMALL, HIDDEN, AREA IS RECOMMENDED BEFORE THE APPLICATION**