

ZERO %

Technical data sheet

 Art. Code: **502224-6-8**

Two component epoxy polyurethane adhesive (9:1)

Rev.2 dated 08 January 07

DESCRIPTION:

Two component epoxy polyurethane **solvent and water free** adhesive for gluing wood flooring of any size on concrete subfloors, including heated ones, and on non-absorbing surfaces (ceramic tiles, stoneware, marble, etc.).

It is also ideal for laying prefinished parquet. ZERO % represents the evolution of the REPOX adhesive and for this reason, apart from being solvent free, it has also been improved in terms of performance. The elasticity, tensile strength (both longitudinal and perpendicular to the plane) have been notably improved as well as the coverage and workability.

CHEMICAL – PHYSICAL CHARACTERISTICS at 20°C:

Catalysis ratio A:B (weight)	9:1
Appearance comp. A code 502224	oak coloured thixotropic paste
Appearance comp. A code 502226	walnut coloured thixotropic paste
Appearance comp. B code 502228	low viscosity liquid
Viscosity comp. A	60,000 cPs
Viscosity comp. B	9,500 cPs
Pot-life	2 hours
Open time	1 hour
Tensile strength (DIN 281)	> 6,0 N/mm ²
Elasticity (DIN 281)	>1,4 mm
Pull Off (UNI 8298)	> 70 Kg/cm ²
Ready for traffic	24/48 hours
Interval before sanding	3 days
Method of application	Scratcher
Average coverage (g/m ²)	900/1400
Stability and storage (<i>in original unopened containers stored in a cool, dry place</i>)	12 months
Standard size comp. A (Kg)	9
Standard size comp. B (Kg)	1

APPLICATION:

To achieve an effective and lasting adhesion, the subfloor must satisfy the following requirements:

- moisture below or equal to 2% measured in depth with a **carbide** hygrometer;
- absence of hygroscopic lightening materials in the screed and adequate insulation if these materials are contained in the underlying layers;
- suitable surface finish, not too "rough" and not too smooth;
- absence of crumbling or flaking parts;
- absence of moving cracks or other obvious faults.

Before laying the floor, it is also necessary to check that the moisture of the wood corresponds with that of the environment.

Shake component B and pour it into component A. Mix carefully using an electric mixer. Apply ZERO % with the appropriate scratcher, taking care to "work" the adhesive so that it incorporates any impurities of the subfloor that could cause separation. Lay the planks applying pressure and "tapping" them to allow them to settle properly. Do not wet the ends of the planks with ZERO%, but for this operation use a single component vinyl adhesive (REVIN LL/REVIN S/REVIN SX). In this case too, it is essential not to glue along the sides.

To lay wood floors on pre-existing floors, the surface must first be degreased and roughened using appropriate metal pads.

To lay the floor on anhydride screeds, first remove the surface layer of the screed with abrasive pads (16 or 24 grain), remove the dust and complete the treatment using PRIMER UR50, PRIMER EPO 2 o PRIMER ZERO.

Before smoothing and finishing the floor, it is usually necessary to wait at least 3 days under normal conditions. This interval may increase as a result of numerous factors (environmental temperature and humidity, species of wood, etc.). Although ZERO % does not contain any water, before proceeding with the finishing, the moisture of the wood must be measured and it must correspond with that of the environment, and, in any case, it should be between 8 and 12%.

Store above freezing – Apply at temperatures between +10 and +30°C!

Safety measures

- Keep the product in a tightly closed, upright container in a cool place away from sources of heat.
- The product is classified and coded in compliance with EC Directives/regulations concerning hazardous substances.
- The information for the user is given in the relevant safety sheet.
- Empty containers or those containing slight traces of dry product must be disposed of in accordance with local regulations.

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