



Wood Adhesives

TEMPO PU PARQUET 1K ELASTIC

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

TEMPO PU PARQUET 1K ELASTIC is a high performance, super elastic, one component polyurethane adhesive for wooden flooring. It is highly suitable for under floor heating systems.

ADVANTAGES

- One component – ready to use
- High bonding strength
- Temperature resistance (-20° C έως +120° C.)
- Excellent humidity and chemical resistance
- Excellent resistance to ageing
- Soundproofing properties
- Highly elastic
- Bonds most sizes and types of wooden flooring

APPLICATIONS

- Suitable for bonding all types (solid wood, laminate etc.) and size of wooden flooring on most types of substrate such as cement screed, wooden floor, ceramic tiles, marble, mosaic, metallic surfaces etc.
- It is most suitable for professional use.

INSTRUCTIONS FOR USE

Substrate preparation

1. Before installation make sure that windows and doors have been fitted and that the building is weathertight.
2. Should be used at temperatures between 10°C - 30°C and relative humidity 40% - 50%. Do not use at temperatures below 10°C.
3. The moisture content of the screed must be in accordance to the relevant standards.
4. If there is danger of rising damp, the application of a vapour barrier (EPOXITE DUR) is necessary before preparing the screed.
5. Wall and ceilings of the room must be completely dry.
6. Under floor heating system must operate for 2 weeks prior to wood floor installation.
7. The moisture content of the wood should be according to the wood flooring manufacturer's requirements.

Cementitious screeds

1. Carefully check the substrate to verify that it is cured, dry, flat and mechanically strong.
2. Make sure that the surface is dry and clean from dust, paints, grease, oil residues, loose particles etc.
3. Apply PRIMER PU 900 for protection and strengthening of the surface.
4. Rough and uneven surfaces can be smoothed with self-leveling compounds. Installation of wood flooring must be carried out once the surface is completely cured and dry.
5. Screed laid onto lightweight concrete, or onto a concrete slab must be treated with a suitable vapour barrier (EPOXITE DUR)

Existing ceramic tiles, marble etc.

1. Make sure that the surface is dry and clean from dust, polish, paints, grease, oil residues, loose particles etc.
2. Carefully check the substrate to verify that tiles / marble are stably bonded.
3. The adhesion may be improved with the application of the specially formulated primer ADHESIL for glazed surfaces

Wooden flooring

1. Make sure that wooden planks are well bonded to the substrate.
2. Remove any varnish, paint or wax from the surface by abrasion or with paint and varnish remover STRIPP & CLEAN until the natural appearance of the wood is exposed.
3. Vacuum all dust and follow with wet cloth. When surface is completely dry proceed with the installation.

Application

1. Leave 1cm joint around the perimeter of the flooring and around columns and other interruptions. This gap will be covered after the installation with the skirting boards.
2. Apply the adhesive with a notched spatula for wood starting from one corner of the room.
3. Apply the adhesive to an area of approximately 1m².
4. Install the wooden plank on the adhesive and apply light pressure.
5. Install the next wood plank 3-5 cm away from the previous one and carefully slide it to its place.
6. Do not step on the newly bonded surface while adhesive is uncured because wooden boards may be moved from their position.
7. The floor is ready for light traffic the following day.
8. Polishing can be carried out within 3 days depending on ambient temperature. However it is recommended to wait for 7-8 days till the wooden parquet is completely set.

CLEANING

Clean surplus adhesive and tools immediately after use and while adhesive is still wet with DIL POLYURETHANE EXTRA. Cured adhesive may be removed only by mechanical means.

COVERAGE

1 – 1,5 m²/Kg on smooth & levelled surface

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TECHNICAL CHARACTERISTICS

Physical form: Thixotropic liquid

Colour: Beige

Base: Polyurethane resin

Odour: Slight characterisitic

Viscosity: 700 ± 100 Pas

Density (SG): 1450 ± 100 kg/m³

Open time: 45 minutes

Curing time: 3mm/ 24hrs*

Final bonding: 24 – 48 hours* up to 90% (curing will continue for 7 days)

Polishing: 3 days*

Shrinkage: None

Resistance to ageing: Excellent

* The above mentioned values may vary according to ambient temperature and humidity.

STORAGE

Products should be stored in a dry and cool place at a temperature of 5^o-35^oC, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

PACKAGING

Plastic Container 12kg

PACKAGING	CODE	BARCODE
Plastic container 12Kg	01047	5204094010470

HEALTH & SAFETY INFORMATION



Eye Irrit. 2: H319 - Causes serious eye irritation **Resp. Sens. 1: H334** - May cause allergy or asthma symptoms or breathing difficulties if inhaled **P261:** Avoid breathing dust / fume / gas / mist / vapours / spray **P280:** Wear protective gloves/protective clothing/eye protection/face protection **P304+P341:** IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing **P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P342+P311:** If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician **P501:** Dispose of the contents/containers in accordance with the current legislation on waste treatment **EUH204:** Contains isocyanates. May produce an allergic reaction **EUH208:** Contains 4,4'-methylenediphenyl diisocyanate. May produce an allergic reaction Substances that contribute to the classification: 4,4'-methylenediphenyl diisocyanate (CAS: 101-68-8)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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