



Wooden Flooring Adhesives

TEMPO MS PARQUET

Technical Data Sheet

Reviewed: 08.09.2024

DESCRIPTION

TEMPO MS PARQUET is a superstrong one-component adhesive, based on new generation polymeric resins terminated with silanes, suitable for wooden floor installation. It polymerizes with the humidity of the atmospheric air and offers a powerful, permanently waterproof and elastic bond. It has great resistance to humidity and temperature. It is ideal for underfloor heating systems. It does not contain solvents and isocyanates, making it user-friendly. Excellent soundproofing properties.

ADVANTAGES

- One component - ready to use
- High bonding strength without the use of nails
- Highly elastic
- Temperature resistance (-40°C - +90°C)
- Excellent humidity and chemical resistance
- Excellent resistance to ageing
- Soundproofing properties
- Anti-vibration properties
- Bonds most sizes and types of wooden flooring to many substrates
- It can be painted
- Easily cleaned from polished parquets
- Without solvents

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 50% - 60%. Do not use at temperatures below 10°C.
3. The moisture content of the screed must be in accordance with the relevant standards.
4. If there is danger of rising damp, the application of a vapour barrier (**EPOXITE DRYMAX WET**) is necessary before preparing the screed.
5. Wall and ceilings 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, mosaic

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** or **EPOXITE DUR** for protection and strengthening of the surface.
4. Rough and uneven surfaces can be smoothed with self-leveling compound **ISOMIX SELF LEVEL 1-30**. Installation of

wood flooring must be carried out once the surface is completely cured and dry.

5. Screed applied onto lightweight concrete, or onto a concrete slab must be treated with a suitable vapour barrier (**EPOXITE DRYMAX WET**).

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. Degrease surfaces using **DIL X - 100** solvent or acetone.

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. Setting time and pot life depend on environmental conditions. During the summer the glue hardens quickly, while during the winter it slows down.
4. Apply the adhesive to an area of approximately 1m² each time.
5. Install the wooden plank on the adhesive and apply light pressure.
6. Install the next wood plank 3 - 5 cm away from the previous one and carefully slide it to its place.
7. Do not step on the newly bonded surface while adhesive is uncured because wooden boards may be moved from their position.
8. The floor is ready for light traffic 24 hours after installation.
9. Polishing can be carried out 36 hours later, depending on ambient temperature. However, it is recommended to wait for 3 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** or **DIL X-100**. Cured adhesive may be removed only by mechanical means.

COVERAGE

0,8-1,4 kg/m² on smooth & levelled surface

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TECHNICAL CHARACTERISTICS

Physical form: Thixotropic liquid

Color: Beige

Base: Silane Terminated Polymer (STP)

Odor: Odorless

Solids: 100%

Viscosity: 12.000 ± 1000 mPas

Density: 1,60 ± 0,05 kg/Lt

Hardness (SHORE A): 55±5

Adhesion to concrete: >2,0 N/mm²

Elongation at break: 250%

Open time: 45 minutes

Application temperature: 10°C – 40°C

Curing time: 3mm/24hrs*

Final bonding: 36 – 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
12Kg	1062	5204094010623

HEALTH & SAFETY INFORMATION

Consult MSDS prior to application

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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