



TECHNICAL DATA

PARKETOLIT 1551

two component polyurethane adhesive for parquet

DESCRIPTION

PARKETOLIT 1551 is a two component tixotropic solvent-free polyurethane reactive adhesive for gluing all types of parquet on any kind of subfloor. According to EMICODE EC1 PLUS – very low emission, EN 14293:2006 and ISO 17178:2013 request for laying parquet. Joint is water resistant and temperature resistant in range between –40°C and +80°C, therefore is adhesive suitable also for outdoor use.

FIELDS OF APPLICATION

Adhesive for gluing of wood flooring:

- Solid parquet elements with grooves and/or tongues according EN 13226:2009
- Mosaic parquet elements according EN 13488:2003
- Solid lamparquet products according EN 13227:2003
- Solid individual and pre-assembled boards according EN 13629:2012 and EN 13990:2004
- Solid wood parquet – Vertical finger, wide finger and module brick according EN 14761:2006 + A1:2008
- Multi-layer parquet elements according EN 13489:2003

on any kind of subfloor, on porous: cement, wooden and anhydrite screeds and also on unporous: ceramics, marble etc. Adhesive is suitable for underfloor heating installations and with using primers Parketolit PR50 or Parketolit PR51 also for laying on the wet cement subfloors with residual moisture content from 2 to 4CM%. Suitable also for gluing of artificial grass, rubber, wooden steps and ceramic tiles on absorbent and on non-absorbent materials. For indoor and outdoor use.

CHARACTERISTICS

Chemical base:	two component polyurethane adhesive
Emission:	EMICODE EC1 PLUS – very low emission (according requests described on www.emicode.com)
Accordance with standards:	EN 14293:2006 - hard adhesive ISO 17178:2013 – hard adhesive
Colour:	beige
Odour:	odourless
Viscosity of the mixture:	very high, tixotropic
Mixing ratio by weight A : B	6 : 1
Pot life *:	40- 50 minutes
Open time:	90-120 minutes
Spread quantity:	

- Notched trowel B3 800 – 900 g/m²
- Notched trowel B11 (23/48) 900 – 1500 g/m²

* pot life of the mixture is valid for the quantity 14 kg (12 kg A + 2 kg B) at the room and adhesive temperature 20-25°C. Higher temperatures and bigger quantities of adhesive shortening hardness time and pot life.



APPLICATION

Preparing of subfloor

The surface must be sufficiently smoothed, dried, sound and clean. On very porous, and not compact screed a skim coat of dispersion primer Parketolit PR15 is recommended. On very porous, not compact screed, on heated floors and on surfaces with residual moisture content from 2 to 4 CM%, a coat of polyurethane primers Parketolit PR51 or Parketolit PR50 should be applied. Respect instructions for using primers. We do not advice using others untested primers.

Preparing of adhesive and gluing

Dose the components in the correct mixing ratio and mix very well until a uniform colour is reached. Apply the adhesive with notched trowel on the floor. The surface spread quantity should be within laying parquet possibilities in open time of the adhesive. Place the parquet into the adhesive by pushing it slightly and pound it well. Clean still fresh adhesive residues from tools mechanically with paper or with thinner Mitosol S50 if necessary. Additional working operations (sanding and lacquering) are possible after 24 hours.

The most convenient working conditions:

Temperature of room and all materials involved	20-25°C (still allowed 15 - 25°C)
Relative air humidity (RAH)	50-65% (still allowed 40 – 65%)
Moisture of concrete floors	max. 3% by gravimetric method max. 2% by carbide (CM) method
Moisture of heated concrete floors	max. 1,7% by carbide (CM) method
Moisture of wooden floors and the parquet	8 - 12% (acclimated on place conditions)

CLEANING

Hardened adhesive is chemically resistant, therefore is cleaning of tools (mixers, notched trowels) and rests of adhesives from surface treated multi-layer parquet very hard to clean.

Cleaning is the most sufficient when the adhesive is still fresh and unhardened:

1. Unhardened adhesive can be removed mechanically with rag or paper and thinner Mitosol S50.
2. Cleaning of hardened adhesive is possible to remove with thinner Mitosol S50 or mechanically with sanding of parquet surface.

Before using thinner Mitosol S50, testing of surface treated multi-layer parquet is recommended.

Using of protective gloves (neoprene, nitrile butadiene or butyl rubber, PE) are recommended.

Hardened product, is not hazardous to health or the environment if is used in correct mixing ratio.

PACKING

Parquetolit 1551 – 14kg (12 kg A + 2 kg B, all-in-one set)

STORAGE

In well-closed original packing at a temperature between +5°C to + 25°C in a cool and dry place. Protect from wet! The shelf life of the correctly stored product is minimum 12 months.

The information provided herein, especially recommendations for the usage and application of our products, is based on our knowledge, results of laboratory tests and practical experience gained to date.

We guarantee a constant quality of our products under our technical specifications. Technical advice of our application department is available without obligation. This does not release the buyer from testing our products in his own responsibility with respect to their suitability for intended application and application process. Such an evaluation should be repeated if materials are changed in any way or bought from a different source.

We do not accept any liability with regard to above information or with regard to any verbal recommendation since different materials used in conjunction with our products as well as varying working conditions are beyond our control.