



TECHNICAL DATA

PARKETOLIT 1554

two component epoxy-polyurethane adhesive for parquet

DESCRIPTION

PARKETOLIT 1554 is a two component water and highly volatile solvents free epoxy-polyurethane adhesive for gluing all types of parquet on any kind of subfloor. According to EN 14293:2006 and ISO 17178:2013 request for hard adhesives for laying parquet floors.

FIELDS OF APPLICATION

Adhesive for gluing of wood flooring:

- Multi-layer parquet elements according EN 13489:2003
- 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

on any kind of subfloor, on porous: cement, wooden and anhydrite screeds and also on unporous: ceramics, marble etc. Because of easy cleaning of adhesive rests it is very suitable for laying of surface treated multi-layer parquet. Adhesive is suitable for underfloor heating installations and with using primer Parketolit PR 50 also for laying on the wet cement subfloors with residual moisture content from 2 to 4CM%.

Suitable also for gluing of artificial grass, wooden steps and ceramic tiles on absorbent and on non-absorbent materials. For indoor use.

CHARACTERISTICS

Chemical base: two component epoxy-polyurethane adhesive
Accordance with standards: EN 14293:2006 - hard adhesive
ISO 17178:2013 – hard adhesive

Colour: brown
Viscosity of the mixture: paste, trixotropic
Mixing ratio by weight: A : B = 14 : 1
Pot life*: 45 - 60 minutes
Open time at 20°C and 50-60% RAH: 90- 120 minutes
Spread quantity:

- Notched trowel B3 800 – 900 g/m²
- Notched trowel 23/48 1000 – 1500 g/m²

* pot life of the mixture is valid for the quantity 15 kg (14 kg A + 1 kg B) at the room and adhesive temperature 20-25°C. Higher temperatures 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 primer 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 clean with detergent and water if necessary. Additional working operations (sanding and lacquering) are possible after 24hours.

Optimum working conditions:

Temperature of room and all materials involved	20-25°C (still allowed 15 - 25°C)
Relative air humidity	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

Cleaning of tools is easier when the adhesive is still unhardened:

1. Cleaning of still unhardened adhesive is possible mechanically with rag or paper or with detergent and water if necessary.
 2. Cleaning of hardened adhesive is possible with thinner Mitosol S50.
- Before using thinner Mitosol S50, testing of surface treated multi-layer parquet is recommended.

PACKING

Parquetolit 1554 – 15 kg (14 kg A + 1 kg B, all-in-one set)

STORAGE

In well-closed original packing at the temperatures between +5°C and +25°C.

Shelf life of the correctly stored adhesive is 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.