



TECHNICAL DATA

PARKETOLIT E61

one component STP adhesive for parquet

DESCRIPTION

PARKETOLIT E61 is one component tixotropic reactive adhesive with neutral odour, highly volatile solvents free according EMICODE EC1 PLUS, for laying all types of wooden floors on any kind of subfloor. Adhesive hardens with humidity cross-linking reaction. Joint is permanently elastic, resistant to water and to temperatures in range between -40°C and $+80^{\circ}\text{C}$. According to EN 14293:2006 for soft and ISO 17178:2013 for hard-elastic adhesives requests for laying parquet floors

Advantages of adhesive:

- One component adhesive, ready to use, maximum adhesive exploitation,
- Excellent adhesion of all types of parquet on any kind of surface, also without using primer,
- Also for laying on the wet cement subfloors with residual moisture content up to 4CM% without priming,
- Easily spread,
- Long open time,
- Neutral odour, very low emission, without dangerous marks,
- Easy to clean residues of the adhesive,
- 20% less consumption comparable to two component adhesives,
- Permanently elastic adhesive allows natural adaptation of wooden floors to ambient conditions and improves sound isolation of 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 up to 210 mm in width 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. Adhesive is suitable for laying on the wet cement subfloors without priming. Also for underfloor heating installations.

Suitable also for gluing of wooden steps, ceramic tiles and rubber.

CHARACTERISTICS

Chemical base:

STP (silane terminated polyurethane) polymer

Emission:

EMICODE EC1 PLUS – very low emission
(according requests described on www.emicode.com)

Accordance with standards:

EN 14293:2006 - soft adhesive
ISO 17178:2013 – hard-elastic adhesive

Colour:

light brown

Viscosity:

paste, tixotropic adhesive

* Open time according ICM 1/14:

approx. 60 minutes at 23°C and 50-65% RAH

* Higher temperatures and higher air humidity (RAH) accelerate hardening of the adhesive and shorten open time. Lower temperatures and lower RAH prolong hardening and open time.

Spread quantity on dry screeds:

- Notched trowel B3 600 – 700 g/m²
- Notched trowel B11 (23/48) 700 – 1200 g/m²

Spread quantity on wet screeds:

- Notched trowel B11 (23/48) up to 2500 g/m²



APPLICATION

The surface must be sufficiently smoothed, dried, sound and clean. On not compact screed a skim coat of primer Parketolit PR15 is recommended. On cement surfaces with residual moisture content from 2 to 4 CM%, a coat of polyurethane primer Parketolit PR51 or Parketolit PR50 should be applied or the adhesive should be spread uniformly in quantity which complete cover the surface. We do not advice using others untested primers.

Apply equally the adhesive with notched trowel. 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 with care that no adhesive is pushed between the parquet elements. Clean fresh adhesive residues with alcohol. Additional working operations are possible after 24 -48 hours. Final bond strength is achieved in some days after gluing.

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. 5% by gravimetric method max. 4% 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 liquid adhesive is possible mechanically with paper immediately after using, with alcohol or with thinner MitoSol S50 if necessary.
2. Removing of hardened adhesive is possible mechanically or with thinner MitoSol S50.

PACKING

Parketolit E61 – 2x7kg aluminium sacks in plastic vessel

STORAGE

Keep in well-closed original packing at a temperature between +5°C to + 25°C. Protect from wet and water.

The shelf life of the original packed and correctly stored product is minimum 9 months.

Partly used sack, should be air protected closed immediately and used as soon as possible.

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.