

PARKETOLIT PR51

one component polyurethane primer coating

DESCRIPTION

PARKETOLIT PR51 is one component a solvent-free polyurethane primer coating, suitable to restore and linkage of porous, powdery and humid surfaces. Hardening process is caused by water. Allows fast flooring installations.

Benefits of using product:

- 100% active substance.
- Odour less, solvent-free.
- Ready to use, one component, without diluting.
- Fast hardening primer allows flooring installation already after 45 to 90 minutes after coating and laying of parquet on wet screed already in one day.
- Low consumption; only one coat to strengthen surface and two coats to impregnate wet cement subfloors are sufficient.
- Without material waste, due to mixing too much product.

FIELDS OF APPLICATION

1. Strengthening of powdery and not compact surfaces.
2. Balancing absorbency of too porous subfloors.
3. Impregnating heated subfloors with residual moisture content till 3CM%.
4. Impregnating the wet cement subfloors with residual moisture content till 4CM%.
5. Renovating the old parquet surface without parquet removing.

CHARACTERISTICS

Chemical base:	one component polyurethane primer
Colour:	brown
Application method:	with a brush or roller
Spread quantity:	
• strengthen of surface	70 – 200 mL/m ² depending on porosity
• wet subfloors	140 – 270 mL/m ²

DANGEROUS GOODS CLASSIFICATION

Product is classified as dangerous (see safety data sheet)

APPLICATION

All inconsistent parts (residual mortar, paints, and old floor coverings) must be removed prior the application.

Before application measuring of residual moisture content and subfloor absorption degree with water droplet test are recommended. Residual moisture content should not be higher than 4CM%. Subfloor surface must be sufficiently porous to allow complete absorption of primer which reacts with water in subfloor.

Surface porosity	Water porosity test	Number of coatings	Consumption mL/m ²
High porosity	Water is absorbed in less than 1 minute	1x	150 - 200
Normal porosity	Water is absorbed after 1 to 10 minutes	1x	100 - 150
Poor porosity	Water is absorbed in more than 10 minutes	1x	70 - 100

1st coat to strengthen of powdery, not compact and porous subfloors in absorption able quantity.

Approximal drying time at 20°C and 50 - 65% RAH is 45 to 90 minutes to maximum 12 hours.

2nd coat of primer to impregnate the wet cement subfloors with residual moisture content till 4CM% in surface film provide quantity.

Approximal drying time at 20°C and 50 - 65% RAH is 12 hours.

Drying time of coatings:

Drying time is depending on spread quantity, room ventilation, temperature, air humidity and surface porosity. Do not apply primer at the temperatures lower than + 10°C.

Gluing with adhesives should be done immediately when film is dry by touch. Sprinkle the last coat of still fresh primer coating with dry sand, to provide better adhesive adherence on more than 48 hours hardened primer. After hardening it is necessary to remove excess sand which is not adhering to the surface.

After using primer Parketolit PR51, adhesives Parketolit 1549, Parketolit 1550, Parketolit E60 or Parketolit E65 can be used.

Renovating of old parquet surface without removing of parquet

In case of old, very dry (over-dried), partly unlinked parquet, even with cracks we could resolve problems with Parketolit PR51. Considering conditions and requirements for laying parquet, we could simply pour the problematic surface with Parketolit PR51 and spread it with shovel. Brushing and lacquering of wood flooring can be continued next day.

CLEANING

Hardened polyurethane primer is chemically very resistant, therefore is cleaning of tools from rests of primer very hard.

Cleaning is easier when the primer is still unhardened.

Still liquid unhardened primer is possible to remove mechanically with paper or rag soaked with thinner MitoSol S50 . Difficult to clean parts can be cleaned by soaking in thinner.

Testing of thinner MitoSol S50 is recommended before use.

PACKING

Available in 5L plastic jerricans.

- For strengthen of surface 25 - 70 m²
- For impregnate wet subfloors 18 - 35 m²

STORAGE

Keep the product sealed in its original container in dry place at a temperature between +5°C and +25°C.

The product is very sensitive to moisture.

The shelf life of the correctly stored product is 12 months.

Always close the can accurately after use and never pour back any unused product.

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.