



TECHNICAL DATA

PARKETOLIT PR50

One component polyurethane primer coating

DESCRIPTION

PARKETOLIT PR50 is a one component polyurethane primer coating, suitable to restore and linkage of porous, powdery and humid surfaces. Hardening process is caused by water.

FIELDS OF APPLICATION

1. Strengthening of powdery and porous surfaces before gluing with reactive glues.
2. Impregnating the wet cement subfloors with residual moisture content till 4CM%.
3. Renovating the old parquet surface without parquet removing.
4. Preparing the synthetic mortars for crack repairs in subfloor.

CHARACTERISTICS

Colour:	brown
Application method:	with a brush or roller
Spread quantity:	
• strengthen of surface	100 – 300 mL/ m ² depending on porosity
• wet subfloors	300 – 500 mL/ m ²
Diluting:	thinner Mitosol S50
Cleaning:	thinner Mitosol S50, of still fresh primer

APPLICATION

1. Strengthen of powdery and porous subfloors

Surface porosity	Water porosity test	Number of coatings	Diluting ratio: Parketolit PR50 : Mitosol S50	Consumption mL/m ²
High porosity	Water is absorbed in less than 1 minute	1x	undiluted	200 - 300
Normal porosity	Water is absorbed after 1 to 10 minutes	1x	1 : 1	150 - 200
Poor porosity	Water is absorbed in more than 10 minutes	1x	1 : 2	100 - 150

2. Impregnate the wet cement subfloors with residual moisture content till 4CM%

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.

Application method:

- 1st coat: diluted Parketolit PR50 as follows:
50% dilution for very porous surface
100% diluting for less porous surface
in subfloor absorption able quantity.
- 2nd and 3rd coat with non diluted Parketolit PR50
in surface film provide quantity.

Drying time of coatings:

Drying time between each coat at 20°C and 50-65% RAH is from 3 to 8 hours or maximum 12 hours. 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 reactive adhesives should be done next day or immediately when film is dry by touch or solvent odour has disappeared. Sprinkle the last coat of still fresh primer coating with dry sand, to provide better adhesive adherence. After hardening it is necessary to remove excess sand which is not adhering to the surface.

Important warning: After using of Parketolit PR50, only reactive adhesives can be used. Do not use dispersion adhesive or apply levelling compounds.

3. 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 PR50. Considering conditions and requirements for laying parquet, we could simply pour the problematic surface with Parketolit PR50 and spread it with shovel.

4. Preparing of synthetic mortars for crack repairs in subfloor.

By mixing Parketolit PR50 with dry sand, until you have a mass with a damp sand consistency (1 part of Parketolit PR50 and 5-7 parts of sand), you will achieve a synthetic mortar which you can use for the quick and very resistant repair or cracks, holes, disconnected flooring and for filling-in thickness. Before using the mortar you should first give the subfloor a coat of 50 – 100% thinned Parketolit PR50 for a better anchorage.

PACKING

Available in 5 L metal cans. Transport packing contains 4 x 5L cans.

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 on 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.