

IDROLAK DR97 SQ

TWO-COMPONENT WATER-BASED VARNISH

Idrolak DR97 SQ is a two-component water-based varnish for parquet characterized by an excellent chemical and mechanical resistance and by a long pot-life. It keeps the wood original natural appearance. Furthermore the product is NMP-free and it can be applied also by spraying.

Available in versions: SEMI-GLOSSY, MAT and EXTRA-MAT.



Technical data

| Chemical-Physical characteristics (20°C – 60% R.H.) | | | |
|---|--|--|----------------------------------|
| Specific gravity of mix | 1,028 g/cm ³ | Viscosity comp. A FORD 4 | 35" |
| pH | 7,1 | Viscosity comp. B FORD 4 | 21" |
| Mixing ratios and Times (20°C – 60% R.H.) | | | |
| Mixing ratio | 10:1 | Sanding /Overcoating | 4 h |
| Pot life | 4 h (see notes) | Dilution | 5% water or Additivo Rallenty |
| Dust dry | 20' | Dilution for spray | 10% water |
| Touch dry | 1 h 30' | | |
| Technical characteristics (20°C – 60% R.H.) | | | |
| Coverage | 12-14 m ² /lt | Temp. for Application | > 10 °C |
| Abrasion resistance (Taber CS10 1Kg / 1000 rpm) | 21 mg (at 7 days) | VOC content of pure prod. | < 140 g/l |
| Gloss level (Novo Gloss Trio) Rif. EN ISO 2813 | Semi-glossy 30 Matt 20 Extra-matt 10 | Subcat. of the product in accordance with Dir. Eur. 42/2004 and specific VOC content limits. | Cat. A/j (WB): 140 g/l (jan2010) |
| Storage and labeling | | | |
| Storage (original unopened packaging at amb. temp.) | 12 months (Protect from freeze) | Symbols of danger | NONE |
| Tools cleaning | <u>Just after use</u> clean the tools with water and soap or Additivo S/43, better using a roller squeezer or similar, until no more opalescent liquid drips out; store the rollers into solution Soluzione di Lavaggio S/28, properly diluted; well rinse before use. | | |
| Packaging | A comp: canisters 5 and 10 lt B Comp: bottles 0,5 and 1 lt | | |

Application

Sand the floor and fill it if necessary with Idrostucco RS30 water-based filler or Lega Stucco RS20 solvent-based filler; sand using fine abrasive paper (150-180) and clean the floor.

Check that all conditions are proper for varnishing.

Shake well A component before using it.

Homogeneously mix the 2 components in the exact ratio (10:1); for a correct mixing pour B component into A slowly and under stirring.

Wait for 10-20 minutes to able the mixing to pre-react before apply. The use of proper medium hair roller is recommended to grant a better spreading of the varnish and an easier application.

Recommended coating cycle

2 or 3 coats
Idrolak DR97 SQ

Apply one coat of varnish by roller, sand after 4-5 hours with fine sand-paper (180-220) then complete with one or two coats of varnish by roller (waiting 4 hours between them, sanding only if necessary).

1



TOVER S.R.L.

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2

1 coat
Idrofondo MITO SQ
+
1 o 2 coats
Idrolak DR97 SQ

Apply a first coat of two-component water-based sealer Idrofondo MITO SQ, sand after 4-5 hours with fine sandpaper (180-220) then complete with one or two coats of Idrolak DR97 SQ by roller (waiting 4 hours between each one, sanding only if necessary with fine sandpaper).

3

1 coat
Idrofondo H20
+
2 coats
Idrolak DR97 SQ

Apply a first coat of single-component water-based sealer Idrofondo H20, sand after 1-2 hours with fine sandpaper (180-220) then complete with two coats of Idrolak DR97 SQ by roller (waiting 4 hours between each one, sanding only if necessary with fine sandpaper).

In case of a so called "mixed cycle" (that is when a solvent-based sealer is used) it is very important to not break up this seal during sanding, otherwise the surface will not have homogeneous appearance.

Take the same care during sanding of single-component sealer in general.

Remind finally that best results, both aesthetic and physical, will be obtained with a very thin coat.

Notes

- ✓ It is very important to rightly respect the information reported in technical data sheets to obtain a final appearance without defects.
- ✓ The A+B mixture remains liquid for many hours nevertheless it must be applied not over 4 hours to obtain a continuous and homogeneous film.
- ✓ Do not mix Idrolak DR97 SQ with other water-based varnishes: there can exist incompatibility between them and a gelification of the product can be induced.
- ✓ We advice not to coat in two different steps the perimeter and the rest of the floor: We recommend to treat small zones of the perimeter and then immediately proceed varnishing the adjacent area.

Maintenance

For the frequent maintenance and cleaning of the floors coated with this product it is recommended to use the neutral soap Pulito Parquet or the disinfecting detergent Saniparquet. For the periodical maintenance use polish Lux.

Norms references

UNI EN 14342:2008 Wood flooring - Characteristics, evaluation of conformity and marking.

UNI EN 5470-1 Determination of abrasion resistance - Taber abrader

DIN 51097:1992 Testing Of Floor Coverings - Determination Of The Anti Slip Properties - Wet Loaded Barefoot Areas - Walking Method.

Safety rules

FOR PROFESSIONAL USE ONLY. Strictly respect the information reported on the labels and consult safety data sheets before use.

Disposing of waste

Dispose not used product and empty containers in accordance of local in force regulations.

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WARNING: The information reported in present technical data sheet are for guidance only and they do not hold our responsibility. Adapt the use of our products to the environmental conditions and materials to be treated.

REV.6 18-07-2013 Current Technical Data Sheet replaces the previous one.