



BERGER WOODTECH Heavy-Duty Clear Varnish (Interior)

Product Description

Berger Heavy Duty Clear Varnish is a high-performance, two-part clear varnish for INTERIOR use on new and bare parquet and timber floors, countertops, tables, door panels and general woodwork. Recommended as a clear furniture finish for use by furniture manufacturers and for residential use. Hard-wearing, high gloss clear finish that will last up to four times longer than conventional one-part varnish products. Maintains natural beauty of the timber. Excellent chemical and abrasion resistance. Good flexibility.

Generic Type

Manufactured from high quality epoxy resin medium in two-pack form with polyamide curing agent.

Application

Apply by brush or spray.

Film Thickness

Wet: 4.0 mils (100 microns). Dry: 2.0 mils (50 microns)

Coverage

9 – 9.5 m²/lt. @ 2 mils.

Drying Time

Surface dry in 1 hour. Hard dry: 6 hours. Full cure: Attains maximum hardness about 7 days after application.

Finish

High Gloss

Colour Range

Clear

Packaging

4 litres (combined base and catalyst).

Flash Point

30°C (86°F)

Equipment Cleaner

Berger #5 Reducer.

Thinning & Mixing

Supplied in two-pack form. The two components should be mixed together thoroughly and allowed to stand for 15-20 minutes before application. To facilitate brushing and especially for first coat on porous timber, thin with Berger #5 Reducer for Epoxy coatings. For spray application, thin to spraying viscosity. Estimate required amount accurately so as to avoid mixing more than can be used within the pot-life. Use all of the material mixed. Where less than 4 litres of material are required, the base and catalyst should be mixed strictly in accordance with the mixing ratios mentioned on the container.



Resistance

Resistant to chemicals, caustic fumes, salt spray, mineral acids and solvents.

Surface Preparation

Do not use over surfaces previously in single pack varnish, unless all varnish coatings has been removed.

New and Bare Woodwork: Prepare surface to ensure a clean, dust and grease-free surface. Apply 2 to 3 coats of Berger Woodtech Heavy-Duty Clear Varnish. Thin the first coat no more than 10% to facilitate easier brushing and to allow good penetration of the timber. Subsequent coats can be thinned as necessary. When coating new and sanded parquet wood block floors, ensure that all surface dust and contamination is completely removed prior to coating. It is recommended that dust from the floor surface and between the timber joints should be removed a few minutes before coating using a brush and then a cloth dipped in the epoxy thinners.

Previously Varnished: Remove all previous coatings using Crown Paint and Varnish Remover. On previously varnished floors the use of mechanical sanding equipment is recommended. Apply 3 or 4 coats Crown Two-Pack Epoxy Varnish. To obtain a smooth finish, each coat must be rubbed down with fine sandpaper, preferably using fine waterproof abrasive paper. Wipe clean before over-coating. To obtain a smooth, high-gloss finish, the application of several thin coats is recommended. Do not apply too thickly and avoid over brushing.

Health & Safety

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

First Aid

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice.
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner. **DO NOT USE** solvent or thinners.
- Inhalation: Remove to fresh air, loosen collar and keep patient rested.
- Ingestion : In case of accidental ingestion, **DO NOT INDUCE VOMITTING.** Obtain immediate medical attention.

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