

Mega



Features

- Oxygen cross-linked
- 100% polyurethane
- Deep, rich solvent based appearance
- Designed for use in both commercial and domestic areas
- High resistance to wear
- Superb scratch and chemical resistance
- High scuff resistance
- Mega gloss meets DIN norm 18 032 and Mega silk matt & gloss meet BS 7044:1990 for slip resistance
- Meets ONORM C 2354 Category C (very heavy wear)

Mega is a one-component waterborne 100% polyurethane finish for the surface treatment of wooden floors in commercial and domestic areas subject to heavy wear. Cross-linking is achieved using oxygen from the air, giving Mega the performance of a two-component finish. It has all the advantages of a waterborne system but still gives a deep, rich colouration similar to a solvent based finish.

Sitework

Surface preparation: The surface which is to be coated must be well sanded, dry and free from sanding dust, wax and other contamination. The Bona Abrasives Scrad system, sanding disc/screen or abrasive grade no. 120 or finer should be used for the final sanding of the wood. The best results are obtained using a buffing machine.

Preparation of factory pre-finished floors and previously finished floors: Thoroughly sand the pre-finish until a matt surface is achieved. Bona Abrasives Scrad, sanding disc/screen or abrasive grade no. 150 or finer should be used. The surface must not have been treated previously with wax, polish or similar products.

With an addition of Bona Crosslinker, Mega will usually have good adhesion to most pre-finished floors. The inter-coat adhesion must be checked prior to application: Lightly sand a small area and apply a coat of finish. After 2-3 days scratch the floor surface gently with the milled edge of a coin. If the finish stays firmly attached to the surface the adhesion is satisfactory.

Application: It is suggested that application is carried out using a Bona roller. Apply the finish evenly with a smooth flowing action avoiding accumulations of finish.

Recommended primers: Seal or Prime. For floors where there is a risk of side bonding or movement, e.g. end-grain floors, softwood plank floors and hardwood floors with under-floor heating, it is recommended that Prime be used for the initial application.

Recommended treatment schedules

Bare wood: 1 x primer + 2-3 x Mega
Or
3-4 x Mega

Overcoating: 1-2 x Mega including Bona Crosslinker

After the first application, a light sanding may be carried out using the Bona Abrasives Scrad system. If the sanding is to be carried out on the second coat of Mega, the finish should first be allowed to dry overnight.

N.B. Mega should not be used on floors which are artificially coloured with white or pastel colours. Waterborne floor finishes should not be used on chemically treated or compressed floors if the factory finish has been removed.

Technical Data

Traffic/Mega

Application rate: 8 - 10 m²/litre. The room and finish temperature must not fall below +13°C during application and drying.

N.B. Care must be taken to ensure coverage rates are achieved as incorrect coverage may compromise appearance and/or wear resistance.

Application tools: Bona roller or applicator. With Traffic, application tools must be washed out very thoroughly immediately after use if it is intended that they will be reused. Poorly washed application tools will harden or deposit dried flakes of finish when used again.

Drying time: Traffic - 3-4 hours. Mega - 2 1/2-3 hours. (At 20°C/60% R.H.)

The drying/curing process may be adversely affected by the following factors: insufficient ventilation, excessive humidity, low temperatures, the use of protective coverings such as polythene sheeting. This can result in the curing time being extended, reduced resistance to scratches and in extreme cases poor adhesion to the floor.

Light foot traffic may use the floor after 8 hours. Heavy wear should be avoided for a period of 72 hours after the final application of finish. For 8 days after the final application of finish, the use of detergents, polish and other maintenance products should be avoided. Similarly carpets/rugs, etc should not be used. Very heavy furniture may mark the floor surface during this time.

Pack size: Traffic - 4.5 litre only + Traffic Hardener - 0.45 litre
Mega - 1 litre (Silk Matt only) and 5 litre