

Bona D5 Impregnating Seal

SPECIAL PROPERTIES

- Fast drying
- Good resistance to chemicals
- Very hard wearing

DESCRIPTION

Bona D5 Impregnating Seal is a solvent based one component moisture curing polyurethane; finish, designed for use on new untreated timber floors and existing floors sanded back to bare wood Bona D5 is supplied in a gloss finish only.

SPECIFYING

Bona D5 Impregnating Seal' should be specified by name and used as detailed in conjunction with a regular maintenance programme.

SITE WORK

Preparation

The surface which is to be sealed must be clean, dry and free from contamination. New, untreated floors, and existing floors sanded down to bare wood should be given a final sanding with a sandpaper no. 100 to reduce grain raising.

N.B

It is important where new floors are to be treated that the floors are laid at, or allowed to reach, the correct moisture content prior to treatment, as the deep penetrating action of the BonaKemi 05 may cause 'rafting' as the moisture content in the timber stabilizes. Finger mosaic floors are particularly susceptible due to the large number of 'joints' in the floor.

Bona D5 may be adversely affected by wax deposits in the joints of previously treated floors and it is suggested that the use of BonaKemi D-503 Pacific Strong is considered on floors affected in this way.

Application

Bona D5 Impregnating Seal can be applied by compact lacquer brush, mohair roller or lambs wool pad.

Abrasion between coats

A light abrasion should be carried out before the final application of Bona D5 where required. Where abrasion between coats is considered necessary to cut back raised grain sandpaper no. 120-150 should be used. If a sanding machine is used it should be pushed quickly and lightly over the surface. Carefully remove all sanding dust by wiping over with a damp cloth.

TREATMENT SCHEDULES

When used for treating the surface of timber floors subjected to heavy wear i.e. offices, domestic kitchens, etc three coats of Bona D5 should be applied. In areas of heavy wear, i.e. canteens, restaurants, dance floors, etc. four coats of BonaKemi D5 should be used, N.B. Due to the varying nature of timber it is possible that extra applications of BonaKemi D5 may be required to provide a surface finish.

PRODUCT DATA

Covering capacity 1st coat 8-10m²/litre, Subsequent coats 10~20m²/litre.

Coverage will vary depending upon the types of timber treated. N.B. It is important that the correct covering capacity is observed wherever possible as the performance of BonaKemi D5 is in direct relationship to the amount of material applied to the floor.

Drying time 1st coat 15-30 minutes at 20° C/60% R.H.
Subsequent coats 30-60 minutes at 20° C/60% R.H.

Drying times may vary due to fluctuations in humidity, temperature, ventilation, etc. The floor will take light foot-traffic after approximately 8 hours but the surface will remain susceptible to marking by furniture etc. for approximately one week afterwards until the lacquer has reached its ultimate hardness.

Carpets/rugs should not be placed on the floor until eight days have elapsed.
Wax/polish should not be applied to the floor until eight days have elapsed.
Cleaning with water or detergent should not be carried out until eight days have elapsed.

Pack Size 5 litres only
Storage Store in dry conditions at room temperature away from heat or sources of ignition. Keep in original container tightly closed in a safe place.
Shelf Life At least one year in correctly sealed original container
Light Sensitivity Six hour exposure to u.v. lamp - no discoloration

Resistance to Chemicals

The following chemicals have no effect on the fully cured Bona D5 Impregnating Seal:

Water, 5% Vinegar, 10% Soda Solution, Red Wine, Mineral Oil, 50% Alcohol, Butter, Tomato Ketchup, Mustard, Shoe Polish, Tea, Bitumen, Margarine, Coffee, Cream, Felt-tip Pen, Fruit Juice, Nail Varnish, Toothpaste, Lipstick, Liqueur, Port and Coca-Cola.

SAFETY PRECAUTIONS

Harmful by inhalation, skin contact and ingestion. Provide adequate ventilation during use and until vapors have dispersed.

Wear suitable protective clothing, namely overalls, synthetic rubber/PVC gloves, eye protection and respiratory equipment with cartridge/filter suitable for organic solvents. When using do not eat, drink or smoke. Launder overalls regularly and remove immediately all contaminated clothing.

FIRST AID

Inhalation Remove to fresh air and if necessary call a doctor.

Skin contact:	Remove with proprietary skin cleaner followed by washing with soap and water,
Eye contact:	Call a doctor. ingestion: Call a doctor.
Fire hazard.	Fumes may form an explosive mixture with air. Do not apply in the presence of naked flames, hot surfaces or unprotected electrical equipment. Leave 'Fire Hazard' warning notice in prominent position. Extinguish with dry powder or foam.
FLASH POINT	Combustible, hazard class A2. Highly flammable. Flash point -5°C.