

BF214

Blackfriar Professional Heavy Duty Floor Varnish - Gloss

Description

An odourless two pack water based Polyurethane.
Highly durable, non-yellowing and chemical resistant.

Uses

Primarily designed for wooden floors but can be used on bar tops, furniture or concrete floors. Resists boiling water, alcohol, coffee, red wine and dilute acid and alkalis.

Information

Clear, water based

Interior use

Brush or roller application

12 m² / litre per coat

Touch dry - 2 hours (20⁰C)

Hard dry - 8 hours (20⁰C)

Full cure - 3 days (20⁰C)

Recoat after 4 hours

Volume solids - 40%

Gloss - 80%+/-5%

VOC - EU limit value for this product (cat A/j): 140 g/l. This product contains max 25 g/l VOC

Shelf life - 2 years in unopened containers

Surface preparation

Ensure surface to be varnished is clean, dry, sound and free from wax, oil or any other contamination. If wax has been used clean the surface thoroughly with white spirit prior to sanding. Bare wood should be sanded to a smooth surface, always working with the grain. Sound previously varnished surfaces should be lightly sanded to provide a key.

Existing varnished surface which are unsound or in poor condition can be stripped back to bare timber with Blackfriar Paint and Varnish Remover.

New concrete must be at least 6 month old prior to varnishing. Concrete must be clean, dry and free from any surface laitance (a weak dusty layer on new concrete) and any other surface contaminants such as oils, grease, dirt etc. prior to applying the varnish. Power floated concrete must be prepared by suitable means (mechanical or chemical) to ensure an open, porous, sandpaper texture is achieved prior to varnishing.

Mixing

Base and activator supplied in correct proportions. Add all activator to base container and mix thoroughly for at least 5 minutes until product is smooth and even. Allow to rest 5 minutes before using. DO NOT MIX PART UNITS. Badly activated or incorrectly mixed materials will affect performance and may cause early failure or discolouration. The mixed material has a usable pot life of 4 hours (20⁰C).

Application

The product may be applied by brush or roller. If applying by brush, apply evenly using light strokes following the grain of the wood. If rolling, use a short nap mohair roller. For best results 3 coats are recommended on new wood and 2 coats on previously varnished surfaces. Prior to application of the final coat or if the over coating time is exceeded lightly abrade with fine glass paper working with the grain and remove dust. The varnish will appear cloudy when wet but will quickly dry to a clear finish.

When applying to new or bare wood, thin the first coat with up to 10% water.

Limitations

Not suitable for use on plastic type materials, e.g. imitation wood.

If applying varnish to cork tiles, pre-finished tiles or laminate flooring we recommend a trial application on an inconspicuous area of the floor. Once dried check adhesion by scratching firmly with a finger nail.

New concrete should be allowed to dry for at least 6 months before varnishing.

Do not apply directly to power-floated concrete.

Do not use under cold (less than 10⁰C), damp or humid conditions.

Do not wash the varnished surface for at least 3 days after application. If water is spilled on it during this period gently wipe off with a soft dry cloth.

Clean up

Remove as much product as possible from application equipment before washing with water. Do not empty into drains or water courses. Some local authorities have special facilities for the disposal of waste coatings.

Black friar Professional Floor Varnish : Performance Data

	BF214	BF215
Chemical Resistance (2 coats on oak)		
Ethanol - 50%, 1 hr.	4-5 / 2	4 / 2
Ammonia - 12.5%, 1 hr.	5	5
fatty acid - 1 hr.	5	5
fatty acid - 16 hr.	5	5
coffee - 4%, 16 hr.	5	5
red wine - 16 hr.	5	5
water - 16 hr.	4-5	4-5
Chemical Resistance (2 coats on beech)		
red wine - 16 hr.	5	4-5
coffee - 4%, 16 hr.	4	3-4
Taber Abrasion (CS17 / 1000 cycles)		
weight loss	20.9 mg	16.8 mg
Pendulum Hardness		
after 7 days	161 s	137 s

5 = excellent

0 = failure

DISCLAIMER

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. It is our recommendation that a trial area is first coated to ensure the product is satisfactory to individual requirements

Revision date : June 2013