

ARC RITE



Paints & Industrial Coatings

Arc-Rite Paints Clear Semi Gloss Floor Varnish

A single pack alkyd floor coating for general purpose and light traffic areas.

- Good resistance to scuffing, spillages of oil, petrol, detergents and dilute aqueous chemical solutions
- White spirit based, it is generally compatible with most existing systems
- For use on wood, concrete and stone

Finish Semi-gloss

Volume Solids 40 + 2%

Theoretical Coverage

13 m²/litre

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated

Drying Times at 23oC at 40 µm dft

Dust Free 4 hr

Light Traffic 24 hr

Full Cure 7 days

Overcoating Min. 16 hr,

Max – indefinite if clean and sound

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation

- All surfaces must be clean, dry, and free from grease, oil, laitance, dust and other contamination
- Bare concrete: remove dirt and contamination by detergent washing, flame cleaning or other appropriate means. For the best long term coating life, laitance should be removed by vacuum blast cleaning (recommended), power grinding or acid etching. If acid etching, more than one application may be required to produce a granular surface suitable for good adhesion. Vacuum blast cleaning should produce a surface profile appropriate to the thickness of the coating being applied. If laitance is not removed, it can detach in service along with the coating, leaving patchy areas of bare concrete
- Previously painted floors: abrading (as well as thoroughly cleaning) the existing coating is always recommended to optimise adhesion. As Arc-Rite Floor Varnish has a mild solvent blend, there should be minimal reaction with existing coatings such as the lifting of old coating edges. A test area is recommended to confirm compatibility and that adequate adhesion can be achieved

- Wood Floors: punch all nail heads down below the surface. Sand the surface down to clean, smooth wood using an industrial vacuum sander, cutting-in at edges with a hand sander. To give a smooth finish it is recommended to also lightly sand and vacuum between coats

The concrete surface must be dry and at least 4 weeks old. The moisture content of the concrete should not exceed 6% when measured 25mm below the surface (with e.g. a Protimeter measuring in 25mm drilled holes filled with gel), or 14% when measured with a surface moisture gauge (such as a Protimeter WME (Wood Moisture Equivalent) gauge).

Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the substrate temperature should remain at least 3oC above the dew point. Paint temperature should ideally be at a minimum of 15oC.

This product is designed for brush or roller application

Priming: prime bare concrete areas by thinning the first coat with 10-15% of White Spirit to act as a sealer

Floors can be back in service after 24 hours but 7 days should elapse before cleaning with detergents

Minimum recommended application temperature is 10oC to ensure adequate through drying