

Single pack epoxy floor paint



Description	A tough epoxy gloss finish with good adhesion and flexibility. Has good resistance to water, oils and greases. Fast drying and easy to apply by brush or roller. This product can be used on concrete, wood and steel surfaces in both interior and exterior locations, making it an ideal single purchase coating for multi-surface application. Suitable for pedestrian and light/medium wheeled traffic areas.	
Recommended Use	This product can be used on concrete, wood and steel surfaces in both interior and exterior locations, making it an ideal single purchase coating for multi-surface application. Suitable for pedestrian and light/medium wheeled traffic areas. For areas subject to heavy traffic refer to Firwood 2700.	
	Available as an anti-slip coating with the addition of Firwood 204 - Anti-slip aggregate.	
Compliance	Complies with "the VOC in Paints, Varnishes & Vehicle Refinishing Products Regulations 2005". EU limit value for this product when used as a binding primer (cat A/h): 750g / litre (2010) and (cat A/i): 500g / litre (2010) when used as a one pack performance coating.	
Recommended Application Methods	Apply product by brush or roller using a long pile, double arm roller. Do not flood pour paint onto substrate.	
Colour Range	Full range of BS 4800, BS 381C and RAL shades except fluorescents and metallics.	
Physical Properties	<u>VOC Content</u> (as supplied) : max 499g / litre <u>Volume Solids</u> : 40% <u>Mass Solids</u> : 50% <u>Flash Point</u> : 38°C	
Drying Time @ 20°C	The product will normally be touch dry in 1½ hours and can be overcoated after 24 hours. Foot traffic can be allowed on the coated area after 24 hours and heavier traffic after 72 hours. Concrete floors are always several degrees colder than the ambient temperature and on cold days drying times will be extended. It is advisable not to apply the product when the ambient temperature falls below 5°C or the relative humidity exceeds 90%. Keep coated areas dry for a minimum of 24 hours following application. Slow drying is usually attributable to either low temperatures or the application of excessively thick coats of paint.	
Slip Resistance	Dry : 70 - Extremely Low slip potential Wet : 14 - High slip potential (Results obtained using BS7976 Four S Pendulum Test)	Dry (with aggregate) : 52 - Low slip potential Wet (with aggregate) : 41 - Low slip potential
	NB : For areas that may become wet or are subject to liquid spills that could result in a potential slipping hazard, we recommend the addition of Firwood 204 Anti-slip aggregate to the product.	
Theoretical Coverage Rate	13m ² per litre, Approximately 65m ² per 5 litres per coat. Normally two coats are required. Coverage rate can be affected by such variables as type and condition of substrate, type of application equipment and individual method of application.	

Thinners	Firwood 143 Thinners
Packaging	<p><u>Pack Size</u> : 5 & litres</p> <p><u>Weight</u> : Weight : 0.9 - 1.1kg / litre (dependant on colour)</p> <p><u>Shelf Life</u> : 2 years from shipment date when stored in unopened, original containers.</p> <p><u>Storage</u> : Store in temperature range 5-40°C</p>
Surface Preparation - Bare Concrete	<p>Do not apply to newly laid concrete. Surfaces to be coated should be at least 4 weeks old and have a moisture content of less than 7%. They should also be free from any contaminants or surface laitance (a weak dusty layer on concrete). Traces of grease or oil can be removed using Firwood 110 - Cleaning & De greasing Fluid.</p> <p>Very smooth concrete or concrete with surface laitance should be treated with Firwood 2709 - Concrete etching fluid to ensure good adhesion (refer to application instructions for correct use of this product). Treated areas should be thoroughly washed down and allowed to dry before coating.</p>
Surface Preparation - Painted Surfaces	Previously painted surfaces should be thoroughly abraded by sanding to improve adhesion and to remove any weak or loose material. It is advisable to test the coating on a small area first to check compatibility with previous coatings.
Surface Preparation - Wooden Floors	Sand down the surface where necessary to remove any existing coatings and loose material. Remove all dust and ensure surfaces are clean and dry before application of the coating. Seal any knots with a clear knotting solution.
Mixing	<p>Mix thoroughly for approx. 5 mins using a wide bladed stirrer. A wooden batten at least 25mm wide is ideal.</p> <p>For anti-slip surfaces, add Firwood 204 - Anti-slip aggregate and ensure the grit is evenly dispersed throughout the mix before and during application.</p>
Application	<p>Best results are obtained in warm (minimum 15°C), dry conditions with a good through draught. Apply using a brush and/or long pile, double arm roller.</p> <p>On bare concrete floors it is recommended that the first coat be diluted with approx. 10-20% Firwood 143 Thinners by volume prior to application. This will act as a binding primer and help seal the concrete surface. Once dried, a second coat can be applied at full strength.</p> <p>On previously painted floors it is recommended that two thin coats be applied rather than one thick coat. This will prolong the life and performance of the coating. Wooden flooring will require two coats to produce a smooth finish.</p> <p>Do not apply excessively thick coats as this will lead to slow drying and possible wrinkling of the finished application. It is better to build up the film with multiple thin coats rather than one heavy coat. Allow each coat to dry hard prior to the application of additional coats.</p>
Cleaning	Application equipment should be cleaned using Firwood 143 Thinners.
Health & Safety	Refer to Material Safety Data Sheet for information on correct handling and application of this product.



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