

Two pack fast dry water borne epoxy floor seal



Description	A multipurpose, fast drying water borne epoxy floor seal that produces a tough, hard wearing gloss finish. Based on a solvent free epoxy system, Firwood 2750 has excellent resistance to chemicals, water, oils, greases and mechanical abrasion. High gloss finish that is quick and easy to apply. Available from stock in over 180 RAL standard shades
Recommended Use	Recommended for use where a durable full gloss floor seal is required. Suitable for medium to heavy duty applications including fork lift traffic. Large colour availability permits highlighting of hazard areas, traffic lanes etc.
Compliance	Complies with "the VOC in Paints, Varnishes & Vehicle Refinishing Products Regulations 2005". EU limit value for this product (cat A/j): 140g / litre (2010) Complies with the indoor air quality requirements of: French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). Class A+ German Regs. -DIBt (October 2010) and AgBB (June 2012) Belgian Regs - The tested product complies with the requirements of the Royal Decree for establishing threshold levels for the emissions to the indoor environment from construction products for certain intended uses (Draft December 2012).
Fire Resistance	Firwood 2700 Two Pack Water Borne Floor Seal - Mid Grey has been tested to the following standards:BS EN ISO 9239-1:2002 Fire Tests for the determination of the burning behaviour of floorings BS EN ISO 11925-2:2002 Ignitability of building products subjected to a direct impingement of flame Information on the test procedures and results are available from Firwood Paints Ltd
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	187 RAL Shades from stock
Physical Properties	<u>VOC Content</u> (when mixed) : max 50g / litre <u>Volume Solids</u> : Approx 56% - Varies with shade <u>Mass Solids</u> : Approx 61% - Varies with shade <u>Flash Point</u> : n/a
Drying Time @ 20°C	Surface Dry 1½ hours Overcoat after 5 hours Hard Dry - 24 hours Light foot traffic can be allowed on the coated area after 5 hours. Heavier traffic can be allowed on the coated area after 2 days with full cure achieved after 7 days. Drying times will be extended at low temperatures. Do not apply when ambient temperature falls below 10°C or relative humidity exceeds 85%. At lower temperatures cracking of the applied coating may occur. Keep coated areas dry for a minimum of 24 hours following application.
Mixing ratio	<i>Pigmented colours - Base : Curing Agent 2:1 by volume.</i> <i>Where anti-slip aggregate is used add to the final coat.</i>

Slip Resistance	<p>Dry : 70 - Extremely low slip potential With the addition of Firwood 204 aggregate : Dry 75 - Extremely low slip potential (Results obtained using BS7976 Four S Pendulum Test) 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 anti-slip aggregate to the product.</p>	<p>Wet : 15 - High slip potential Wet : 70 - Extremely low slip potential</p>
Pot Life	2 hours when mixed. The times stated show effective life, however, material stays liquid much longer but does not perform satisfactorily. Do not use after stated times.	
Theoretical Coverage Rate	Approximately 40m ² per 5 litres per coat. Normally two coats are required.	
Thinners	Use clean cold water.	
Packaging	<p><u>Pack Size</u> : 4.5 litre composite packs consisting of Part A: Base , Part B: Cure. <u>Weight</u> : 1.1 - 1.2kg / litre when mixed (dependant on colour) <u>Shelf Life</u> : 12 months from shipment date when stored in unopened, original containers. <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 & Asphalt Floors	Smooth and 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. New mastic should be sand rubbed during laying.	
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>Add Part B - Cure to Part A - Base and mix thoroughly for approx. 5 mins using a wide bladed stirrer. A wooden batten at least 25mm wide is ideal. After mixing leave for a 5 minute induction time before application.</p> <p>For anti-slip surfaces, Firwood anti slip aggregates can be added prior to application of the top coat.</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 up to 10% water by volume prior to application. This will 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.</p> <p>For application onto asphalt, wood, vinyl and other non porous floors, two coats are recommended without the first coat being thinned down.</p> <p>Product will darken slightly during curing and should not be over rolled. To avoid variation in shades always roll in the same direction across the whole area the product is being applied to.</p>	
Cleaning	Application equipment should be washed immediately after use in clean cold water before the product starts to cure.	
Health & Safety	Refer to Material Safety Data Sheet for information on correct handling and application of this product.	



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