

CONCRETE CURING COMPOUND FRACURE WAX EMULSION

TECHNICAL DATA

1.0 DESCRIPTION

FRACURE WAX EMULSION is a water-based wax emulsion concrete curing and sealing compound which helps ensure that maximum strength and wear resistance are achieved. When applied at 5 – 10m² per litre, it creates an impermeable seal which optimises water retention. Use on either interior or exterior, horizontal or vertical concrete applications where subsequent coatings or treatments will not be applied.

2.0 PROPERTIES

2.1. Colour	White
2.2. Viscosity	Water thin
2.3. Minimum Application Temp.	7°C substrate temperature
2.4. Toxicity	Non toxic
2.5. D.G. Classification	Non hazardous
2.6. Specifications	Exceeds ASTM-C-309-97 NZS 3109 at 5m ² per litre.
2.7. Shelf Life	1 year. Stir before use. DO NOT expose to temperatures below 7°C. See Precautions
2.8. Coverage	5 – 10m ² per litre depending on surface porosity and texture.

3.0 USES

Recommended for:

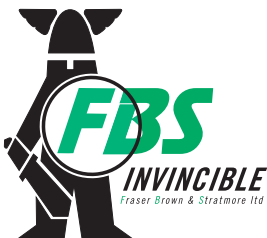
- Curing high performance floor toppings and dry shake hardeners (check compatibility with manufacturer of topping or hardener before application of FRACURE WAX EMULSION).
- Areas that are not to be subsequently coated, such as pavements, hard-standing areas, etc.
- When flammable solvents must be avoided.
- When very high moisture retention requirements are necessary.

Not recommended:

- As a non-slip surface while the curing membrane is intact.
- For any architectural concrete requiring subsequent coating.

4.0 APPLICATION

- 4.1. Apply 1 coat of FRACURE WAX EMULSION by constant pressure sprayer, airless industrial sprayer, or roller at the coverage rate recommended above.
IMPORTANT: FRACURE WAX EMULSION is very difficult to remove from concrete once applied. Ease of curing compound removal is directly related to length of time the compound is left on floor. Complete removal may not be possible.



Fraser Brown & Stratmore Ltd

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The information contained in this data sheet, is to the best of our current knowledge, true and accurate, but any recommendations or suggestions which may be made are without liability on our part, since the conditions of use are beyond our control. Buyers and users are urged to make their own assessment of our products under their own conditions and for their own requirements. Fraser Brown & Stratmore Ltd reserves the right to alter formulations without notice. Properties as stated were determined under controlled laboratory conditions.

FRACURE WAX EMULSION

TECHNICAL DATA Continued

- 4.2. **DRYING TIME:** Approximately 60 minutes at 21°C with the relative humidity at 50%. A higher humidity and/or a lower temperature will increase the drying time. Restrict foot traffic for at least 4 hours.
- 4.3. **REMOVAL:** Once applied, it is unlikely that all traces of FRACURE WAX EMULSION will be able to be removed from the surface or pores of the concrete to which it is applied. To determine if the product can be removed, utilise a commercial or household water soluble strippers such as Cleaning Solution from Fraser Brown & Stratmore. The stripper should be applied directly to the floor, uniformly spread across the surface, and given enough time to soften the coating.
A mechanical scrubber should be used. **DO NOT USE** steel wool pads or steel bristle brushes. Thoroughly wash the surface with clean water. If residual FRACURE WAX EMULSION remains on the surface, reapply the stripper and repeat the scrubbing procedure. Some residual wax may remain after cleaning.
DO NOT acid etch. Acids will **NOT** dissolve the wax coating but **WILL** dissolve the surface of the concrete floor.
- 4.4. **CLEAN UP:** Hands and equipment should be washed with hot water and detergent before FRACURE WAX EMSULSION dries.

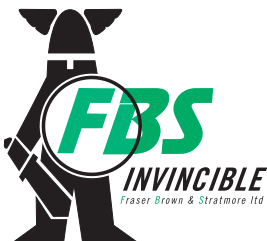
5.0 PRECAUTIONS

FRACURE WAX EMULSION must always be well stirred before using. Occasional re-stirring will eliminate settling.

- **DO NOT** allow this product to be exposed to ambient temperatures lower than 7°C. If this should occur, the product will thicken and become unusable, necessitating proper disposal. Store containers in a location that is not subject to low temperatures.
- Best results will occur when ambient temperatures, concrete, product, and all associated equipment are between 7°C and 29°C.
- **DO NOT** use as a bond breaker or apply over a bond breaker, e.g., DISCRETE.
- **DO NOT** apply while standing water remains on slab. **DO NOT** add water, solvent or otherwise dilute the product.
- Areas treated with FRACURE WAX EMULSION may be slippery when wet. Use care when walking on a treated area.

6.0 PACKAGING

20 litre and 210 litre drums.



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