



TECHNICAL DATA

DURACOAT ESF-80

EPOXY SEMIGLOSS FINISH

DESCRIPTION Duracoat ESF-80 is a colour stable satin finish epoxy, formulated to combine chemical resistance with durable performance and decorative finish. Duracoat is easily applied by brush, roller or airless spray, has low installation odour, cures rapidly, and complies with MAF requirements for food processing areas.

USES Duracoat is intended for use in the food processing, baking, beverage, dairy and meat industries, especially in the following areas:

- as a hard wearing, light duty floor coating on a suitably prepared wooden or concrete substrate. (Slip resistance can be enhanced with the addition of appropriate hard wearing additives. Contact Uroxsys for specific recommendations).
- as a seal coat on Duracrete EMT, SL and SST toppings to improve cleanability, especially for areas processing particulate matter.
- as a wall lining finish on epoxy laminated composites
- used over sound substrates to upgrade the surface performance.

COLOUR Red, beige and grey are standard. Other colours available on request.

SURFACE PREPARATION Surfaces to be overlaid must be thoroughly cleaned and keyed. Unsound toppings or surfaces must be removed and defects repaired.

PRIMING Unless overcoating epoxy systems within the overcoating window, surfaces should be primed with Duraprime AEP penetrating epoxy primer.

APPLICATION Apply with mohair roller, airless spray or conventional spray at recommended coverage rate. Thin up to 5% with Uroxsys Solvent J700 if required.

Note: The gloss/satin level of this high-build product can be affected by the degree of thinning, the build applied, the method of application and the curing conditions. Over-thinning, or applying at a film thickness less than the recommended 100 micron DFT will give a more matt surface. Best consistency is achieved by applying with airless spray.

TECHNICAL DATA	2 component:	Thoroughly mix the Resin and Hardener components before application. Use 300 rpm drill with Jiffy blade or similar.
	Film Thickness:	100 microns per coat DFT
	Coverage Rate:	7.5m ² per litre on smooth surface
	Dry Time @ 20°C:	16 hours
	Recoat Time:	10 hours at 20°C
	Topcoating:	Can be self-topcoated for extra build
	Shelf Life:	1 year in unopened container

SAFETY DATA

Wear protective clothing. Gloves are essential. Avoid contact with exposed skin. Before commencing work, apply barrier cream.

STORAGE

Epoxy resins used in the manufacture of this product may thicken and crystallise over time at low storage temperatures. The product should be stored at not less than 10°C. If cold temperature crystallising occurs, it can be simply reversed by reconditioning the resin component by raising the temperature of the product to at least 35°C overnight, and thoroughly mixing with a power mixer whilst hot. Heating can be done by standing the unopened containers in a small room with a thermostat-controlled electric heater, or by standing the pails in very hot water. Contact Uroxsys for specific advice.

This information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

ESF TD5 MAR14