DIXIE GUARD EPOXY FLOORING TOPCOAT

PRODUCT DESCRIPTION	A two pack chemical resistant topcoat based on polyamide cured epoxy resin for concrete floors. The fully cured film has good adhesion to concrete floors and good resistance to water. It has good flow and resistant to splash and spillage of mild chemicals and solvents. It has good abrasion and impact resistance and easy to clean.

RECOMMENDED USES	General purpose flooring topcoat for cementitious surfaces. It can be applied by spray, roller and brush. It can be used with recommended size aggregates also for light duty flooring applications.

TECHNICAL DATA

COLOUR, DRY FILM	Limited pastel shade colours	
FINISH, DRY FILM	Smooth / Glossy, (Matt on request)	Clear / Glossy
VOLUME SOLIDS (ASTM D2697)	55 ± 2%	40 ± 2%
SPECIFIC GRAVITY	1.40 ± 0.05 (mixed) colour	1.00 ± 0.05 (of mixed)
THEORETICAL SPREADING	11 – 5.5 M2 /LTR	10 – 8 M2 /LTR
RECOMMENDED DFT (DRY FILM)	50 – 100 Microns/Coat	40 – 50 Microns/Coat
RECOMMENDED WFT (WET FILM)	90 – 180 Microns/Coat	100 – 125 Microns/Coat
FLASH POINT	25°C	25°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	3 – 6 hours

شركة دانة التاج التجارية للأصباغ والعوازل
DANT AL-Taj Trading Co

DRY TO RECOAT	12 hours (minimum) – 72 hours (maximum)
FULLY CURED	7 days

ADVANTAGES

DIXIE GUARD EPOXY FLOORING TOPCOAT	Good adhesion, good resistant to water and mild chemicals, good flow abrasion and impact resistance, easy to clean.

APPLICATION INSTRUCTION

SURFACE PREPARATION	New Construction: Concrete floors, to be coated should be allowed to cure for at least 28 days. Floor should be sound, clean and free from oils, grease, mortar, loose particles, dust etc. Laitance should be removed by the use of mechanical means such as vacuum recovery shot blasting. Moisture content should be less than 5%. Existing Substrate: All contamination must be removed and a sound clean substrate should be exposed. Mechanical means of preparation are preferred followed by the removal of dust and other loose debris using an industrial vacuum. All cracks and minor damage-surface should be repaired and allow to dry prior to priming.

APPLICATION DATA

APPLICATION METHOD	Roller, Brush or Spray
CLEANING/THINNING	Dixie Epoxy Thinner
THINNER (VOLUME)	5 – 10% depending on method of application
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 2000-2200 psi
NOZZLE SIZE	0.018” - 0.020”
MIXING RATIO (BY VOLUME)	Base : Hardener 4 : 1 (Mix thoroughly keep for 15 – 20 minutes before use.)
POT LIFE @ 30ºC (100 ml)	6 – 8 hours

شركة دانة التاج التجارية
للأصباغ والعوازل
DANT AL-Taj Trading Co

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	Dixie Guard Primer for Cement Clear	
	Dixie Guard Epoxy Flooring Topcoat	
	For antis kidding, spread recommended size aggregates, when first coat is wet. Apply second coat as a topcoat after 24 hours.	

ADDITIONAL DATA

SHELF LIFE @ 30ºC	18 months, in original sealed container, with proper storage conditions.

HEALTH & SAFETY

SAFETY PRECAUTIONS	As a genetral rule, avoid skin and eye contact by wearing overalls, glove, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well ventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.

STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.

شركة دانة التاج التجارية للأصباغ والعوازل
DANT AL-Taj Trading Co