DIXIE GUARD UNDERCOAT H.B.

PRODUCT DESCRIPTION	A two pack, high build polyamide cured epoxy based intermediate coat. The fully cured film has good solvent and chemical resistance. it has excellent resistance to water and corrosive atmosphere, with very good abrasion resistance.

RECOMMENDED USES	General purpose intermediate high build epoxy system on concrete, masonry and wooden surfaces.

TECHNICAL DATA

COLOUR, DRY FILM	White (available in Grey also)
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	56 ± 2%
SPECIFIC GRAVITY	1.63 ± 0.05 (of mix)
THEORETICAL SPREADING	5.6 – 3.7 M2 /LTR
RECOMMENDED DFT (DRY FILM)	100 – 150 Microns/Coat
RECOMMENDED WFT (WET FILM)	180 – 270 Microns/Coat
FLASH POINT	25°C
FLEXIBILITY	Good
CHEMICAL RESISTANCE	Good
WATER RESISTANCE	Excellent
ABRASION RESISTANCE	Very good

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DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	4 hours
DRY TO RECOAT	24 hours (minimum) – 3 days (maximum)
HARD DRY	7 days

ADVANTAGES

DIXIE GUARD TOPCOAT	Fully cured film has good solvent and chemical resistance. It also gives excellent resistance to water and corrosive atmosphere, very good abrasion resistance.

APPLICATION INSTRUCTION

SURFACE PREPARATION	It can be applied directly as intermediate coat on suitably primed cementitious, walls, wood substrate.

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Conventional Spray	Brush
CLEANING/THINNING	Dixie Epoxy Thinner		
THINNER (VOLUME)	5 – 10%	10 – 15%	10%
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi		
AIRLESS SPRAY REQUIREMENTS	2200 psi		
NOZZLE SIZE	0.020” – 0.025”		
MIXING RATIO (BY VOLUME)	Base : Hardener 4:1 (Mix thoroughly, keep for 10 – 15 minutes)		

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POT LIFE @ 30ºC (100 ml)	8 hours (reduced at higher temperature) Note: Material may gel elevated temperature

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	For cementitious surface, walls, wood:	
	Dixie Guard Primer for cement clear	1 coat
	Dixie Guard Undercoat H.B.	1 – 2 coats
	Dixie Guard Topcoat	1 – 2 coats
	(OR)	
	Dixie Polyurethane Topcoat	1 – 2 coats

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 wellventilated 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

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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.