



SUBSTRATE: FLOORING - CONCRETE

DESCRIPTION: UNIVERSAL FLOOR A CLASSICAL URETHANE BASED WITH A HIGH ABRASION AND ALKALI RESISTANCE. IT IS A INTERIOR SEMI GLOSS FOR MEDUIM TRAFFIC AND HIGHLY WASHABLE

SYSTEM TABLE

TECHNICAL DATA	1 ST COAT	2 ND COAT	3 RD COAT	4 TH COAT
PRODUCT NAME	UNIVERSAL FLOORCOAT	UNIVERSAL FLOORCOAT		
PRODUCT CODE	FLOO	FLOO0		
LIFE EXPECTANCY	3 -5 YEARS	3 - 5 YEARS		
WB/SB	SOLVENT BASED	SOLVENT BASED		
SMOOTH/TEXTURE	SMOOTH	SMOOTH		
COLOUR	STANDARD COLOURS	STANDARD COLOURS		
VOLUME SOLIDS %	45	45		
FILM BUILD	WFT 78 - 100µm DFT 35 – 45 µm	WFT 78- 100µm DFT 35- 45 µm		
SPREADING RATE	TSR 11.3m ² /lit @40µm PSR 6.5m ² /lit@40µm	TSR 11,3m ² /lit @40µm PSR 6,5m ² /lit@40µm		
DRYING TIMES @23°C	16 -18 HOURS	16-18 HOURS		
VOC % GRAMS PER LITRE	35,87 416,64	35,87 416,64		
CLEANING	MINERAL TURPS	MINERAL TURPS		



SURFACE PREPARATION METHOD STATEMENT

ISO Standards cement SANS 50197-1 ,sand SANS 1090 - 2009, chemical added mixtures SANS 50934-1

Concrete must not be friable but clean, dry and sound. Concrete must cure for a minimum of 28 days

Apply Universal Plaster Fix before replastering to prevent debonding of the repaired area.

Remove dirt and loose particles.

Moisture content when measured on Protimeter Moisture Meter must be in the Green Zone which has a value of 16 or below (up to 75% ERH.)

Concrete must have a mPa 20 – 40 strength and should be laitance free.

High speed diamond grind or controlled hydrochloric Acid to remove laitance

APPLICATION METHOD STATEMENT

Apply 2 x coats of **UNIVERSAL Urethane Floorcoat** at a minimum of 78 µm WFT per coat, allowing 16 -18 hours drying between coats at 23°C & 50% RH

FOOT NOTES:

TSR = Theoretical Spread Rate

PSR = Practical Spread Rate

VOC = Volatile Organic Compound

WFT = Wet Film Thickness

DFT = Dry Film Thickness

ERH = Equilibrium Relative Humidity

RH = Relative Humidity