

CF-Ultra-PUC

Aliphatic Polyurethane Top Coat

DESCRIPTION

CF-Ultra-PUC is a two component, liquid aliphatic polyurethane based surface tolerant coating. It is an ideal high solid protective coating specifically for UV and weather resistant. It is also a decorative finish coat with high abrasion and chemical resistance .

AREA OF APPLICATIONS

Typical applications areas are :

- Bulk storage tanks .
- Hygienic wall coating .
- Metal structures exposed to atmosphere.
- Highly effective protective coating for offshore structures
- Concrete surfaces splashed with sea water.
- Tank linings for storage of petroleum products.

ADVANTAGES OVER CONVENTIONAL EPOXY COATING

- * Better adhesion and flexibility.
- * High chemical resistance .
- * UV and weather resistance.
- * Improved performance over manually prepared concrete surfaces.
- * Improved performance for resistance to chlorine.

APPLICATION METHODOLOGY

SURFACE PREPARATION : Concrete surface must be even, and free of pot holes . all oil, dirt, debris, paint and unsound concrete must be removed. Surface should be cleaned before application of coating with Xylene.

PRIMING : No primer is required, one coat of PU is considered as primer and another two finish coats are given.

MIXING : CF-Ultra PUC Comp A and Comp B should be mixed separately for one minute using a electrical drill mixer. Then add Comp B to Comp A and mix thoroughly by electrical drill mixer for at least 2 -3 minutes till a homogeneous uniform colour is obtained.

COATING: After proper mixing of Comp A and Comp B, mixed material can be applied by brush or roller on the prepared surface.

COLOUR RANGE: White , Light Grey, Dark Grey & Brick Red. Some specific colours may be available on request.

TECHNICAL DATA

SYSTEM	-	Prepacked system.
FINISH / SHINE	-	Semi gloss
DENSITY	-	1.10 ± 0.05 gm/cc
WORKABLE TIME	-	1 hr. at 30°C temperature
POT LIFE	-	4 – 5 hrs at 30° C
SURFACE DRY	-	30 – 45 mins at 30° C
APPLICATION TEMPERATURE	-	Avoid application at air and floor temperature below 10°C and above 40°C
RECOATING TIME	-	Minimum 10-12 hrs and maximum 24 hrs
CURING TIME	-	Suitable for foot traffic - after 24 hours of 2 nd /3 rd coat application Suitable for wheel traffic - after 7 days (Full cure)
SHELF LIFE	-	1 year when stored in well sealed container (keep away from direct sunlight)
COVERAGE	-	Approximately 200 - 250g per m ² depending on surface conditions. Generally 3 coats are preferred @ 100 gm/m ² .
DRY FILM THICKNESS	-	100 –150 microns at the above coverage rate.

PACKING

CF-ULTRA PUC is available in 5 x 2 kg units. Each unit consists of 2 kg of component A & B when mixed together.

CHEMICAL RESISTANCE

Salt Water	-	Excellent	Alkalies	-	Good
Urine	-	Excellent	Ammonia	-	Good
Xylene	-	Good	Beer	-	Good
Petroleum products	-	Excellent			

Suitable suggestion can be given on request regarding acid resistance property.

CLEAN UP - Tools are washable with Xylene.

CAUTION

All products should be used in accordance with the manufacturer's instructions. The manufacturer will take no responsibility where conditions of use are beyond their control.

TECHNICAL INFORMATION & SERVICES

For additional technical information and on-site demonstration, please contact:
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