ORAM PRODUCTS PVT. LTD.

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Oram products have significant experience in overseeing a wide range of civil engineering projects, including floorings,such as 3d Flooring, Wooden flooring,PU Flooring. We plan, design and oversee construction effectively the projects that we have undertaken have honed our skills in building strong working relationships with clients, and ensuring a quality process from start to finish.

We at Oram Products are very glad that the Green Line thinking has also reached the needs of the users. The objective of Oram Products is to deliver the customers competitive products reliably in line with agreed-upon schedules and as agreed or ordered. We are committed to the national chemical industry program Responsibility for Tomorrow – Responsible Care. This requires excellent customer service as well as responsible attitude of our personnel towards the products we use.

Areas of Application.

For the Flooring such as Sports Flooring, Industrial PU Flooring, PU Coatings. PU SPORTS FLOORING is particularly suitable for coating areas where fuel and oil spillage might occur such as aircraft fuelling areas,oil terminals, garage forecourts, parking and cargo areas.

Features & Benefits

- Consistency – Very low viscosity benefits in high fluidity & penetration
- Stability – After curing, it forms inert and stable polyurethane rubber
- Compatibility – It is not compatible with water hence Coating grouting is possible in presence of water in the substrate
- Curing – Cures in ambient temperature in air as well as in presence of water
- Toughness & flexibility – After curing it provides tough & elastic properties of PU SPORTS FLOORING
- Bonding – Bonds strongly to brick, stone & cementitious substrate in air & to wet surfaces

Non-toxic – It is certified for drinking water contact

Method of Application

1 SURFACE PREPARATION

- Prior to Coating procedure, check the nature of building structure, type of cracks, hydrostatic conditions & water quality. Clean the cracks & crack edges so that the source of water leakage can be detected.
- Remove all spalled layers of plasters from the area of the Coating level and patch all joints and defective brickwork with quick-drying cement mortar. Drill-holes taking into consideration the actual size (thickness) of the wall/concrete member and the size & length of Coating packers to be used.
- In the case of crack Coatings into brickwork and horizontal water stops, drill the holes into the bricks to ensure that the mechanical packers are fastened tightly. When tightening the packers, make sure that the Coating hose rests comfortably on the zerk or button head fittings.

2 MIXING

- Empty components A and B, which are provided according to the required mixing ratio of 100:40 (parts by volume) or measured out in separate containers by the user completely into a mixing vessel and mix homogeneously.

3 APPLICATION - COATING PROCEDURE

- Apply R-Cord PU SPORTS FLOORING Coating by means of a single or two-component PU SPORTS FLOORING . Make sure that only R-Cord PU SPORTS FLOORING Coating without any residues from cleaning agents or other foreign matter is injected.
- The Coating pressure depends on the nature of the building and the hydrostatic conditions, in case of crack.

Apply 1 double track coat to recommended dry film thickness

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance & colour		Comp A: Colour Liquid
		B : Light Yellow liquid
Density, (gm/cc)	ASTM D 3800: 79	Comp A – .1.75
		Comp B – 0.94
Solids (%)	ASTM D 1010	Comp A – 100
		Comp B – 50
Viscosity @ 25^0C (MPa-s)	ASTM D 1638:74	Comp A – 60 – 70
		Comp B - 150 – 250
Pot life of mix @20^0C, min		40
Hardness, Shore D	ASTM D 2240	60 – 80 A
Tensile strength, (N/mm^2)	ASTM D 638	2–2.5
Relative elongation (%)	ASTM D 638	60 - 80
Adhesive strength (N/mm^2)		> 1.8
Chemical Resistance		Resistant to organic sol-
		vents, mild alkals/acids
Application Temparature		5^0C – 40^0C
Relative Humidity		20 - 85%

Theoretical Coverage: (unthinned) 20 m²/Lt @ 25 µm dry film thickness
800 ft/²/US gal @ 1 mil dry film thickness