



IMPACTTHANE F767

Two Components Polyurethane Self-smoothing Waterproof Flooring Membrane

雙組成份液態自平式聚胺脂防水地台塗膜

1.0 Description

Impactthane F767 is two components with high performance self-smoothing waterproofing membrane which is an ideal waterproof flooring layer with good impact resistant properties. This polyurethane membrane system is for the use of roof, sport and track fields, which are need to have long life under various conditions and strong weather resistance. This system offers to reduce injury of the athlete and particular sport-related properties such as low energy loss and optimal sliding behavior.

2.0 Technical Data

Appearance	Part A (Greenish Liquid)	Part B (Color Liquid)
Viscosity (cps. 25°C)	6000 ± 1000	12000 ± 6000
Mixing ratio (w/w)	1	2.5
Specific gravity		1.3 ± 0.1
Pot-life (min)		50 ± 20
Tensile strength (kg/cm)		Min. 25
Tear strength (kg/cm)		Min. 15
Elongation (%)		Min. 450
Hardness impact elasticity		60 ± 10
Bounce impact elasticity		55 ± 10

3.0 Typical Application

- Roof Open For Traffic
- Tennis Court
- Athletic track fields
- Jogging track etc.

4.0 Application Details

- A) All surface should be sound, clean, dry, free of dust, oil, grease or other contamination. Loose matter should be removed by abrasion, compressed air or high-pressure water.
- B) Flatness surface is essential. For uneven surface, it must be re-leveled by C/S or self-leveling mortar to achieve a qualified smooth surface. New concrete must be thoroughly set and dry; an age of 14 days is the minimum but preferably 28 days or more.
- C) Apply one coat of LABOND A44 primer (mixed with 1:1 cement where necessary)
- D) All Shrinkage and non-moving structural crack under 1.6mm (1/16-inch) shall be pretreated with one coat of Impactthane F767.
- E) All right angle joints between parapet wall and slabs should be treated with cementitious fillet.
- F) Pour the F767 onto the surface and use a special "Saw Edge" towel to spread the flowing resin onto the floor position so as to control minimum thickness of 1mm .
- G) Apply one coat of Thanetop P772 clear finish or spray with LABOND A950 Quartz Sand Anti-Slipping System.

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6.0 Coverage

Standing System --- @ 1.2 – 1.4 kg / M2 (thickness 1mm) Approx.

*Vary from surface condition.

7.0 Health and Safety

Impactthane F767 contains aromatic solvents and is harmful to eyes and skin. Use old or protective clothing and rubber gloves. When spraying, use face visors. Do not smoke in vicinity and allow adequate ventilation.

8.0 Cleaning

Tools can be cleaned after use in any aromatic solvent.

9.0 Packaging

F767- Part A 18kg/Drum, Part B 22.5kg/Drum; Primer (A44): 5kg /Drum; Topcoat(P772): 5kg/Drum

Technical Advisory Notes

1. For liquid applied membrane, it may sometimes encounter problem of “Blisters” due to trapped air on rough concrete or moisture vapour which are sometimes practically unavoidable. Provided that the small blisters are in low scale and they are not punctured, it is unlikely to affect the overall performance of the system.
2. Primers are sometimes required to improve the adhesion between Impactthane and surface substrate, likes bituminous surface, non-ferrous metal and exceptionally porous substrate. Applicators should consult our technical office for necessary recommendation.