

ThaneFloor F768

Specialty Polyurethane Flooring System

聚胺脂無縫地台系統

1.0 Description

ThaneFloor F768 is a multi-component polyurethane flooring system designing to meet with professional application including sport surface, parking lots, heavy duty topping with excellent resistance to mechanical damage and chemical attack. Polyurethane is basically elastomeric nature of which MDI Isocyanines System could be enhanced to achieve high hardness scale. Because of its features to meet with different application purpose, ThaneFloor F768 are divided into following sub-system to tackle different flooring requirement.

F768F	A high hardness scale surface with excellent chemical resistance which is most suitable for factory, warehouse, laboratories, animal retention house etc.
F768O	An economy commercial flooring system with tough, custom effect, waterproofing, colourful selection for office, Showroom, Hotel.
F768P	A super tough flexible waterproof Floor Coat for Parking Deck, Office, Laboratory
F768T	A high quality sport surface system to achieve international standard requirement.

2.0 General Specification

F768F – Factory Floor	
Finish Layer – Hard Surface	- F768F Two Component Polyurethane : 3 – 6 mm
2 nd Layer – Priming	- A117 – Primer Coat
1 st Layer – Patch Binder	- A117 / Cement 1 : 1 – 1 : 1.5 – Patching Coat
	- Concrete
F768O – General Office Floor	
3 rd Layer – Finish Coat	- A117 + A028 Top Coat
2 nd Layer – Leveling Coat	- ThaneFloor F768O self-leveling coating (2 – 3mm)
1 st Layer – Priming	- A117 Primer Coat
	- Concrete
F768P – Car Park Floor	
Finish Coat – Impact & Non-Slipping	- A950 +Thanetop P772
3 rd Layer – Finish Layer	- F768P 1-3mm
2 nd Layer – Leveling Coat	- F768P 1-2mm
1 st Layer – Priming	- A44 Primer Coat
	- Concrete
F768T – Sport Floor	
Finish Layer – Non-Slipping Coat	- A022 Top Coat
3 rd Layer – Impact Coat	- Impactthane F767 Two Component Polyurethane 2 - 3mm
2 nd Layer – Cushion Coat	- W3250 4 – 6mm
1 st Layer - Priming	- A44 – Primer Coat
	- Concrete

* For Basement, Ground Floor or Slab subject to rising damp, additional layer of Labond C106-08 should be applied.

3.0 General Technical Properties

	F768F	F768T	F768P	F768O
POT – Life (m/n)	30 ± 60	40 ± 20	40 ± 20	40 ± 20
Tensiles Strength (kgf/cm ²)	150 ± 250%	25 ± 2%	60± 2%	25 ± 2%
Adhesion Strength to Concrete (N/mm ²)	> 1.5	> 1.5	> 1.5	> 1.5
Elongation at break	30 – 60%	100%	50%	150%
Tear Strength (kgf/cm)	20 ± 2%	25 ± 2%	26 ± 2%	25 ± 2%
U V Resistance	Good	Good	Good	Good
Hardness (Share A)	N/A	65 ± 2%	90 ± 2%	65 ± 2%
Hardness (Share D)	65 - 75	N/A	N/A	N/A
Chemical Resistance At PH3 & PH11	Good No Staining	Good But Little Staining	Good No Staining	Good But Little Staining

4.0 Application

This is a specialist product; we highly recommend to employ qualified applicator to provide laying of the above system. For details, please consult nearest Master Proofer office or visit our web-site at www.masterproofer.com. In General, please follow fundamental issues below:

- Concrete must be structurally sound, clean and free from contamination.
- Follow expansion joints as per concrete structure underneath.
- For new concrete or c/s layer, it must allow at least 14 days curing period before laying of polyurethane system.