



ThaneFloor F768F

Polyamine Monolithic Industrial Flooring System

無縫工業地台系統

1.0 Description

ThaneFloor F768F is a non-solvent based polyamine monolithic flooring system which is recommended for use in factories, store house, parking decks, playing ground, offices, laboratories, animal retention room etc.

1.1 Uses

Suitable for medium and heavy duty traffic areas. Used in the following:

- Dairies
- Clean room
- Electronic assembly plant
- Breweries
- High stack warehousing
- Pharmaceutical factories
- Aisle way refurbishment
- Carpark Deck
- Retention rooms

1.2 Advantages

- Seamless finish
- Fast application
- Hygienic and easy to clean
- Hardwearing and durable
- Solvent free – low odour formulation
- Excellent chemical resistant
- Abrasion and impact resistant

1.3 System Classification

Classification	Floor Surface resistance	Thickness	Application Area	Specification Sheet No.
A	Medium Duty	0.1mm – 0.5mm	General Industrial Flooring for internal and exterior area subject to general pedestrian and truck traffic	F768F(A)
B	Heavy Duty	1mm – 3mm	Car Park, Warehouse for general traffic of 24 Tons truck or below	F768F(B)
C	Heavy Duty	3mm – 10mm	Heavy Duty Car Park, Warehouse for track >24 Tons	F768F(C)
D	Medium Duty	3mm – 6mm	Factory, Retention Rooms etc. and area where required self-smoothing and Anti-raising Damp function	F768F(D)



ThaneFloor F768F Polyamine Monolithic Flooring System



2.0 Technical Data

System	ThaneFloor F768F A System (General Flooring 0.1– 0.5mm)	ThaneFloor F768F B System (Medium Duty Floor 2–6 mm)	ThaneFloor F768F C System (Heavy Duty Floor 3–10 mm)	ThaneFloor F768F D System (Self-smooth with Anti-Raising-Damp function)
Coating specification	F768F High Build painting Coat	F768F High Build painting Coat + F768 Self-Smoothing Coat	F765 High Build painting Coat + F765 Patch Binding Coat	F768F High Build painting Coat + F768 Self-Smoothing Coat
Recommended dry film thickness	0.1-0.5mm	2 – 6 mm	3 – 10 mm	3 – 6 mm
Compressive strength ASTM C579	9000 psi	12000 psi	16000 psi	8200 psi
Flexural strength @25°C ASTM 0790	7000 psi	7500 psi	7800 psi	6800 psi
Tensile strength @ 7days ASTM C2370	7600 psi	8200 psi	9200 psi	6600 psi
Pot life (hours)	15 min	15 min	30 min	30 min
Foot traffic (hours)	24	24	24	24
Recoat (hours)	16	16	16	16
Vehicle traffic (Day)*	5	5	5	5
Hardness, Shore D ASTM D2240	70	80	85	70
Bond Strength ASTM D4541	> 400 psi	> 400 psi	> 400 psi	> 400 psi
Abrasion Resistance ASTM D4060 (Taber Abrader CD 17 Wheel, 1000gm load, 1000 cycles)	110mg	110mg	110mg	110mg
Water Penetration Test DIN1048 (0.5 Bar Pressure)	< 20mm	< 20mm	< 20mm	< 20mm
US FDA Food Contact Article Test In accordance with 21 CFR 175.300	Pass	Pass	Pass	Pass

* For earliest requirement of allowance vehicle traffic, temporary wood board could be installed as protective layer after 24 hours.

3.0 Health and Safety

ThaneFloor F768F 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.

4.0 Packaging

24kg/Set PartA+ B