

## Epontflor FC260

### Water Based Epoxy Floor Coating

#### Description

A two components water based epoxy floor coating for concrete or cementitious floors

#### Benefits

- Solvent free and low odour
- Easy to apply and clean
- Hygienic
- Can be applied on damp substrate or green concrete
- Good abrasion and chemical resistance

#### Colour Range

Epontflor standard colours

#### Standard Thickness

Applied thickness at 100 microns per coat

#### Areas of Use

- Light industrial areas
- Food processing areas
- Pedestrian walk ways

#### Physical Properties

##### Mixing Ratio by Weight and Pot Life

Product	Part A	Part B	Pot Life (25°)	Material Consumption
Epontflor FC260	2	1	1 hour	0.25kg/m <sup>2</sup> /coat

- Times Between Coats 8 – 48 hours at 25°C
- Cure Time for:
  - Foot Traffic 24 hours at 25° C
  - Vehicular Traffic 48 hours at 25° C
  - Chemical 7 days at 25° C
- Dry Film Thickness 50 microns/m<sup>2</sup>/ coat
- Abrasion resistance CS-17 (ASTM D4060) <100 mg weight loss after 1000 cycles of abrasion
- Tensile Adhesion (ASTM D4541) >1.5 N/mm<sup>2</sup> (concrete failure)
- Fire Rating (BS 476-7) Class One

#### Application Instructions

##### Products used In the System

Epont Bonding Primer                      Epontflor FC260

#### Surface Preparation

- All substrates should be clean, dry and free of laitance.

#### Mixing

- Add entire contents of the part B to part A container.
- Using an electric mixer to mix the mixture until a homogenous solution is obtained.
- Mixture should be used at 10 minutes time after mixed (Induction time).
- Direct application, further dilution with water is not recommended.

#### Application

**First Coat**

- Apply Epontflor FC260 using fine smooth lamb wool roller.
- Allow to cure prior to apply subsequent coats.

**Second Coat**

- Apply Epontflor FC260 using fine smooth lamb wool roller on cured first coat within 8 - 48 hours.

**Broadcast Non-Skid Floor Finish****First Coat**

- Apply Epontflor FC260 using fine smooth lamb wool roller.
- Broadcast graded silica sand onto the wet Epontflor FC260 immediately.
- Allow to cure prior to apply subsequent coats.

**Finished Coat**

- Apply Epontflor FC260 using fine smooth lamb wool roller on cured first coat within 8 - 48 hours.

**Limitation**

- Epontflor FC260 should not be applied at temperatures below 10°C or where ambient relative humidity exceeds 85%.
- In cold weather a longer period of cure before applying the second coat may be required.

**Supply**

Product	Part A	Part B	Pre-Packed Unit
Epontflor FC260	6.7kg	3.3kg	10kg

**Cleaning**

Clean water

**Shelf Life**

When stored all components at above 5°C and dry place. The shelf life is 12 months in the original unopened container.

The information given in this data sheet is based on many years experience and is correct to the best of our knowledge. However, since the use of our products in accordance with the instructions given, and their success in application is dependent on a number of factors, we can only be responsible for the quality of our product at the time of dispatch. Should any doubt arise about specification or application, our Technical Service Team should be contacted immediately. The users therefore should make their own determination in using the product of the data contained herein for any application.