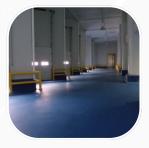


# CCRETE The Ultimate Polyurethane Mortar Floor



LOADING BAY



**KITCHEN** 



**DRY WAREHOUSE** 



**CANNERY** 



DRESSING PLANT



WET MARKET



FISH PROCESSING



COLD STORAGE

### **CCRETE HF**

"The Ultimate Heavy Duty Hygienic Floor"

## **CCRETE SL**

"Tough and Hygienic Floor- The Choice of the Food Industry"

#### SYSTEM DESCRIPTION

A single layer slip resistant polyurethane mortar system for concreteand similar substrate. Applied thickness is 6-12mm,

#### PHSYICAL PROPERTIES

**COMPRESSIVE STRENGTH** 40 - 50 N/mm<sup>2</sup> DEN EN 196 / ASTM C 109

**FLEXURAL STRENGTH** 16 N/mm<sup>2</sup> **DEN EN 196 / ASTM C 109** 

**TENSILE STRENGTH** 7 N/mm<sup>2</sup>

ISO R 527 / ASTM D 638

**DYNAMIC E MODULUS** 200 N/mm<sup>2</sup> DIN EN 13412/ ASTM C 597-83

ADHESIVE STRENGTH > 2.5N/mm<sup>2</sup>

DIN ISO 4624 / ASTM C 882 (Concrete Failure)

**ABRASION RESISTANCE** 950ma/ (Taber H22 Wheel, 1000g Load) 1000 cycles

DIN 53754 / ASTM D 4060

**COEFFICIENT OF THERMAL EXPANSION** 

2.1X10<sup>-5</sup> / °C

DIN EN 1770 / ASTM C 531

THERMAL CONDUCTIVITY 0.84W /m °C

din 52612 / BS 874

WATER ABSORPTION 0 ml

CP.BM 2/67/2

#### THE BENEFITS: FAST INSTALLATION

- Tolerates substrate moisture can be applied on concrete as early as 7 days old.
- · Fast curing walkable after 6 hours and ready for full service after 48 hours.

#### **HYGIENIC AND SECURITY**

- · Complies with international standards, including HACCP, LEED, and GMP (EU and US).
- · Actively resists bacterial growth for a more hygienic environment.
- Supports easy maintenance compatibility for industrial detergents, disinfectants, high-pressure cleaning, and steam.
- Non-tainting and non-dusting formulation.
- Slip-resistant even under wet conditions.

#### SYSTEM DESCRIPTION

A single layer smooth finished polyurethane mortar system for concrete and similar substrate. Applied thickness is 4-6mm.

#### PHSYICAL PROPERTIES

35-45 N/mm<sup>2</sup> COMPRESSIVE STRENGTH DEN EN 196 / ASTM C 109

**FLEXURAL STRENGTH** 18 N/mm<sup>2</sup> DEN EN 196 / ASTM C 109

TENSILE STRENGTH 10 N/mm<sup>2</sup> ISO R 527 / ASTM D 638

**DYNAMIC E MODULUS** 14500 N/mm<sup>2</sup> DIN EN 13412/ ASTM C 597-83

ADHESIVE STRENGTH > 2.5N/mm<sup>2</sup>DIN ISO 4624 / ASTM C 882 (Concrete Failure)

ABRASION RESISTANCE 1210ma/ (Taber H22 Wheel, 1000g Load) 1000 cycles

DIN 53754 / ASTM D 4060

**COEFFICIENT OF THERMAL EXPANSION** 3.5X10<sup>-5</sup> / °C

DIN EN 1770 / ASTM C 531

THERMAL CONDUCTIVITY 0.91W /m °C

din 52612 / BS 874

0 ml WATER ABSORPTION CP.BM 2/67/2

# **CONTACT US**

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