



SANTIENZ
PHILS. INC

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"

SYSTEM DESCRIPTION

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

PHYSICAL PROPERTIES

COMPRESSIVE STRENGTH 40 - 50 N/mm²

DEN EN 196 / ASTM C 109

FLEXURAL STRENGTH 16 N/mm²

DEN EN 196 / ASTM C 109

TENSILE STRENGTH 7 N/mm²

ISO R 527 / ASTM D 638

DYNAMIC E MODULUS 200 N/mm²

DIN EN 13412 / ASTM C 597-83

ADHESIVE STRENGTH > 2.5N/mm²

DIN ISO 4624 / ASTM C 882 (Concrete Failure)

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

DIN 53754 / ASTM D 4060

COEFFICIENT OF THERMAL EXPANSION 2.1X10⁻⁵ / °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

CCRETE SL

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

SYSTEM DESCRIPTION

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

PHYSICAL PROPERTIES

COMPRESSIVE STRENGTH 35-45 N/mm²

DEN EN 196 / ASTM C 109

FLEXURAL STRENGTH 18 N/mm²

DEN EN 196 / ASTM C 109

TENSILE STRENGTH 10 N/mm²

ISO R 527 / ASTM D 638

DYNAMIC E MODULUS 14500 N/mm²

DIN EN 13412 / ASTM C 597-83

ADHESIVE STRENGTH > 2.5N/mm²

DIN ISO 4624 / ASTM C 882 (Concrete Failure)

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

DIN 53754 / ASTM D 4060

COEFFICIENT OF THERMAL EXPANSION 3.5X10⁻⁵ / °C

DIN EN 1770 / ASTM C 531

THERMAL CONDUCTIVITY 0.91W / 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 with compatibility for industrial detergents, disinfectants, high-pressure cleaning, and steam.
- Non-tainting and non-dusting formulation.
- Slip-resistant even under wet conditions.

CONTACT US

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