

# 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 concrete and similar substrate. Applied thickness is 6-12mm,

## PHYSICAL PROPERTIES

<b>COMPRESSIVE STRENGTH</b>	40 - 50 N/mm <sup>2</sup>
DEN EN 196 / ASTM C 109	
<b>FLEXURAL STRENGTH</b>	16 N/mm <sup>2</sup>
DEN EN 196 / ASTM C 109	
<b>TENSILE STRENGTH</b>	7 N/mm <sup>2</sup>
ISO R 527 / ASTM D 638	
<b>DYNAMIC E MODULUS</b>	200 N/mm <sup>2</sup>
DIN EN 13412 / ASTM C 597-83	
<b>ADHESIVE STRENGTH</b>	> 2.5N/mm <sup>2</sup>
DIN ISO 4624 / ASTM C 882 ( Concrete Failure)	
<b>ABRASION RESISTANCE</b> (Taber H22 Wheel, 1000g Load)	950mg/ 1000 cycles
DIN 53754 / ASTM D 4060	
<b>COEFFICIENT OF THERMAL EXPANSION</b>	2.1X10 <sup>-5</sup> / °C
DIN EN 1770 / ASTM C 531	
<b>THERMAL CONDUCTIVITY</b>	0.84W / m °C
din 52612 / BS 874	
<b>WATER ABSORPTION</b>	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.

## SYSTEM DESCRIPTION

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

## PHYSICAL PROPERTIES

<b>COMPRESSIVE STRENGTH</b>	35-45 N/mm <sup>2</sup>
DEN EN 196 / ASTM C 109	
<b>FLEXURAL STRENGTH</b>	18 N/mm <sup>2</sup>
DEN EN 196 / ASTM C 109	
<b>TENSILE STRENGTH</b>	10 N/mm <sup>2</sup>
ISO R 527 / ASTM D 638	
<b>DYNAMIC E MODULUS</b>	14500 N/mm <sup>2</sup>
DIN EN 13412 / ASTM C 597-83	
<b>ADHESIVE STRENGTH</b>	> 2.5N/mm <sup>2</sup>
DIN ISO 4624 / ASTM C 882 ( Concrete Failure)	
<b>ABRASION RESISTANCE</b> (Taber H22 Wheel, 1000g Load)	1210mg/ 1000 cycles
DIN 53754 / ASTM D 4060	
<b>COEFFICIENT OF THERMAL EXPANSION</b>	3.5X10 <sup>-5</sup> / °C
DIN EN 1770 / ASTM C 531	
<b>THERMAL CONDUCTIVITY</b>	0.91W / m °C
din 52612 / BS 874	
<b>WATER ABSORPTION</b>	0 ml
CP.BM 2/67/2	

## CONTACT US



### HEAD OFFICE

- 📍 352 San Agustin Ave., Palatiw, Pasig City
- ✉️ santienztechnical@gmail.com
- 📞 Technical Dept. : (02) 7001-0273
- 📞 Admin Dept. : (02) 7728-3381
- 📞 0955-8904152  
0947-8443286  
0995-7138919  
0991-8180860

### CEBU OFFICE

- 📍 Lot 4863 D2, Lower Linao, Talisay City, Cebu
- ✉️ santienzacctg.visayas@gmail.com

### DAVAO OFFICE

- 📍 Purok 7, Composano Compound, Brgy. Tugbok, Davao City
- ✉️ santienzDavao@gmail.com