

Hi-GUARD is premix mortar coating for concrete surface. Premix mortar formulated with cationic polymer and ultrafine blast furnace slag cement for prevention of concrete deterioration. Coating layer is extremely durable to protect concrete structures from Sodium Chloride, carbonation and freeze-thaw erosion

CHARACTERISTICS

- Dense polymer mortar furnishes sufficient water proof capability
- Excellent mass transfer resistance
- Prevention of Seawater (Sodium Chloride) damage
- Numerous methods of installation

APPLICATIONS

- Protect coastal structures from salt attack
- Protect concrete structures from neutralization
- Protect concrete structures from freezing damage
- Extend the life of concrete structures
- Erosion control

PROPERTIES

Physical Properties			
	Days	N/mm ²	Test Method
Compressive Strength	7	39.3	JIS R5201
	28	47.6	
Bending Strength	7	7.4	
	28	10.3	
Bonding Strength	28	2.6	JIS A1171

Coating Area per bag	
Hi-GUARD	Installation Area
1 bag (20kgs)	6.0m ² (thickness = 2mm)

	Unit	Quantity
Hi-GUARD	kg	20
Water	Liter	3.5 (3.2~3.8)
Mortar Quantity	Liter	12.0 (11.7~12.3)

PACKAGE

- 20kgs (44lb) NET P.E. bag

DATA

