



Plasti-Patch™

Product Code: K-511

DESCRIPTION

Plasti-Patch™ is a single component, self-bonding, high strength concrete patching and repair mortar for concrete and masonry.

FEATURES

- No shrinkage after placement
- High flexural strength and impact resistance
- Very high compressive strength
- Excellent bonding properties
- Resistant to wet freeze-thaw cycles
- Contains no calcium chloride

RECOMMENDED USES

- **Filling and repairs:**
 - form tie holes
 - pipe sleeve holes
 - honeycombs
 - post tensioned pockets
 - cracks and other imperfections in concrete
- **Finishing:**
 - topping for walkways & driveways
 - chipped columns
 - uneven form marks
 - damaged concrete elements
- **Additive:**
 - Add to other weak mixes for fortification

APPLICATION

Remove all cracked and loose concrete material down to the sound substrate. Clean all dirt, grease and oil from the surface to provide good bonding. Soak area thoroughly with water. Remove any surface water. Mix 4.5 parts powder to 1 part water for 1 minute. Do not mix more material than can be placed in 25 minutes. Apply to damp surface. Protect the application from rain or direct sunlight for at least 24 hours. Cure by keeping moist for at least 48 hours.

PACKAGING

Plasti-Patch™ is packaged in the following standard sizes:

- 5 kg (11 lbs.) pails
- 25 kg (55 lbs.) pails

COVERAGE

540 cm³/kg (15 cu. in. per lb)
0.014 m³/ 25 kg pail (0.5 cu. ft. per 55 lb. pail)
25 kg will cover approx. 15 m @ 3.2 mm (55 lb. will cover approx. 50 ft @ 1/8th in)

PHYSICAL PROPERTIES

Bulk density:	1.5
Impact strength:	exceeds that of concrete
Bond strength to concrete:	exceeds that of concrete
Bond strength to steel:	6 MPa @ 28 days
Tensile strength:	12 MPa @ 28 days
Compressive Strength:	58 MPa @ 28 days
Pot life:	25 minutes
Initial set:	30 minutes

LIMITATIONS

Not to exceed a depth of 13 mm (1/2") without the addition of coarse aggregate.



Technical Data Sheet

Technical Data Sheet 703