



Plasti-Patch™

(Concrete Patching and Repair Mortar)

Product Code: K-511

DESCRIPTION

Plasti-Patch is a single component, self-bonding, high strength 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

KEY BENEFITS

- Bond strength superior to other repair grouts
- Versatile, multi-usage product
- Superior performance enhancing your reputation for high quality work

RECOMMENDED USES

Filling and repairs:

- Honeycombs, spalled or broken concrete
- Post tensioned pockets
- 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

PHYSICAL PROPERTIES

Appearance	Dark gray powder
Bulk density g/cm ³ (lb./cu. ft.)	1.5 (94)

PLASTIC PROPERTIES

Pot life	25 minutes
Initial set	30 minutes



HARDENED PROPERTIES

Impact strength	Exceeds that of concrete
Bond strength to concrete	Exceeds that of concrete
Bond strength to steel	6 MPa (870 psi) @ 28 days
Tensile strength	12 MPa (1740 psi) @ 28 days
Compressive strength	58 MPa (8410 psi) @ 28 days

APPLICATION

Read and distribute Application Instruction 5.22 — Patching & Resurfacing Defective Concrete before using this product. 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.

LIMITATIONS

Plasti-Patch is effective for repairing rigid structures only and is not intended for structures that experience variable loading or repeated movement. Consult a Kryton representative for project specific recommendations.

SAFETY

Read the Material Safety Data Sheet (MSDS) for this product. For professional use only. This product becomes caustic when mixed with water or perspiration. Avoid contact with skin or eyes. Avoid breathing dust. Wear long sleeves, safety goggles and impervious gloves.

PACKAGING

- 5 kg (11 lb.) resealable pails
- 25 kg (55 lb.) resealable pails

SHELF LIFE

Plasti-Patch has a minimum shelf life of 24 months for unopened pails, and 4 months for properly resealed pails.

WARRANTY

Kryton International Inc. warrants that its products are free from manufacturer's defects and, when applied in accordance with the current specification and application instructions will perform as so stated in its product literature. Because methods and conditions of use are beyond the control of Kryton, no guarantee, expressed or implied can be given as to the results of application. Liability of Kryton shall be limited to replacement of materials proved defective or, at its option, refund of the purchase price of the product.