



# Geopatch GP

### ADVANTAGES

- ✓ Rapid strength development
- ✓ Non shrink
- ✓ Wide Temperature Applications
- ✓ High early bond strengths
- ✓ Self curing
- ✓ Self priming
- ✓ Ready for foot traffic in 1 hour

### PHYSICAL PROPERTIES:

#### Compressive Strength

24-hr: 25 Mpa

7 Days: 35 Mpa

28-days: 40 Mpa

#### Splitting Tensile Strength

28 Days : 3.4 Mpa

#### Bond Strength

24 Hrs: 8.1 Mpa

#### Unit Weight

2200 kg/m<sup>3</sup>

#### Set Time

Initial Set 15-minutes

Final Set 30-minute

(Initial setting time can be decreased or increased as per site requirement)

### INSTRUCTION FOR USE

For each 25kg bag use 5 liters of water. After 3 minutes of mixing it will form smooth slurry. At this point extend the mix with gravel at a ratio of 1:1 by weight. Mix the slurry for another 3 minutes and pour the mix in the repair area. Upon initial set, a broom finish can be applied and upon final set the material can be saw cut, drilled, sanded and/or polished. Remember to wash all the equipment immediately.

### DESCRIPTION

**Geopatch GP** is an extremely versatile, cementitious, rapid setting, semi leveling structural repair concrete. A high performance, geo polymer based system, **Geopatch GP** cures faster than concrete and unlike concrete it bonds to new and old concrete as well as most construction materials including wood and steel. **Geopatch GP** uses more than fifty percent of industrial waste streams such as fly ash, blast furnace slag etc as a part of its binder compositions along with naturally occurring minerals thus qualifying the product as **Green**.

### APPLICATION

This product is typically used for the repair of pot holes in both concrete and bituminous roads, airport runways, anchoring machinery, commercial refrigeration floors, loading docks, grouting bedplates and soleplates, columns and bridge decks, parking structure joints, concrete pillars, floor repairs, ramps, and anchoring bolts. **Geopatch GP** has 10-15 minutes of working time and will reach compressive strengths of more than 2000 .gsi in 6 hrs.

### SAFETY

The use of dust mask, safety goggles and gloves is recommended.