



# Geotop GP

Geotop is a proprietary blend of powders based on geo polymer technology used in water proofing applications where very high strength and superior durability is desired. The special chemistry of the Geotop makes it highly non porous and hence water resistant. It also has very low permeability and is highly resistant to sulfate attack.

Geotop can be applied by hand (trowel) and by machine. It contains special additives that make it easily workable by hand and ideal for pumping and gun spraying.

Geotop can be placed in thicknesses from 5mm. to 25mm + in one coat.

Geotop has the properties of withstanding intensive heat upto 1200°C.

No special priming or curing is required.

### PHYSICAL PROPERTIES:

Compressive Strength

24-hr: 15 Mpa

72 Hr: 20 Mpa

28-day: 25 Mpa

Open Porosity: < 1%

Shrinkage: None

Bond Strength to Concrete: > 4 Mpa

**Unit Weight:** 2000 kg/m3

"V" shape at the location of the leak. Steel surfaces should be free of oil, grease or rust.

### APPLICATION:

Mix the powder and solution thoroughly and quickly in a suitable container for about 1-2 minutes until homogenous slurry is obtained and force or pour it into crack or void.

### MIX RATIO:

Use 22ml of water for every 100g of the Powder. To ensure the performance of the product, DO NOT break up individual units into smaller portions. Mix entire contents at one time.

### PHYSICAL PROPERTIES:

Compressive Strength:

24-hr: 20 Mpa

72 Hr: 25 Mpa

28-day: 38 Mpa

**Shrinkage** : None

**Bond Strength to Concrete:** > 5 Mpa

**Unit Weight:** 2200 kg/m3

**PH :** 7.0 (After setting)

**Setting time:** 3-5 minutes

### STORAGE LIFE:

GEOPLUG has a shelf life of 6-12 months in sealed containers under shade in dry condition.