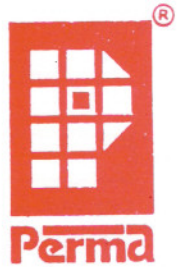


PERMA RECRETE PREMIX CONCRETE



SUPER FLUID MICRO - CONCRETE

DESCRIPTION

Perma Recrete is a cementitious grey powder with micro fine aggregates which allows reconcreting of the damaged, dilapidated structures. The product is a boon for present day rehabilitation engineers. The product needs only addition of water to form free flowing concrete with enormous initial and final strengths.

PRIMARY USES

Perma Recrete is a very handy tool in the hands of an advanced structural repair engineer to reconstruct parts of beams and columns with far superior strength, fair finished and with very high speed. Grouting structural cut outs and recess in sanitary fittings like floor traps, annular spaces of pipe passes through walls etc., in residential buildings.

ADVANTAGES

1. Perma Recrete has very high workability hence it can be poured into the shutters with a mug also. This workability helps the product to reach all minor crevices and fill effectively.
2. Perma Recrete develops very high early strength. It develops strength of the parent concrete within 24 hours of pouring.
3. Perma Recrete develops a very strong bond with the parent concrete. It is impermeable and protects reinforcements from corrosion.
4. It does not need elaborate curing just sprinkling water for two days is enough.

DIRECTIONS FOR USE

Mix Perma Recrete with water in the ratio of 5 litres to 5.5 litres of water to every 25 kg sack of material to get a uniform free flowing mortar. Pour this mortar in the rigidly fixed forms. Care should be taken to see that the contact surfaces are dampened before fixing the form. Shutter forms should be effectively sealed to avoid uncontrolled leakages. If the repaired surface needs replastering then hack the surface immediately after removal of shutters.

SURFACE PREPARATION

Surfaces to be reconcreted with Perma Recrete should be clean, sound, free from any laitence, or any deleterious material. Weak portions of the concrete should be cut back to sound surface. Reinforcements should be cleaned to remove rust and supplement additional reinforcements wherever required. Damp down the concrete surface before fixing the shutter forms.

COVERAGE

One 25kg sack of Perma Recrete produces a micro concrete which can fill 13.5 Litres of volume. In less demanding situation Perma Recrete can be added with 10 mm down clean and sound aggregates.

SPECIFICATON

Form	: Free Flowing Powder
Colour	: Grey
Grainsize	: 1.2 mm aggregate maximum
Fibres	: Alkali resistant fibre reinforcements present
Bulk density	: 1.5 ± 0.05
Yield	: a) 25 Kg. fills 13.5 litres of volume if used neat. b) 25 Kg. fills 22 litres of volume when mixed with 10mm & down aggregates in the proportion of 1:1 by volume.
Flow	: 20 mm on flow table when mixed with water in the powder water ratio of 1Kg. powder to 220 ml of water.

COMPRESSIVE STRENGTH

1 day	: 20 N/mm ²
7 days	: 45 N/mm ²
28 days	: 60 N/mm ²

PACKING

Perma Recrete is supplied in 25 kgs sack.

SHELF LIFE

One year when stored as recommended in original packing, in cool and dry conditions

QUALITY ASSURANCE

All "PERMA" branded products are manufactured under strict quality control supervision as per exact manufacturing specifications. Should you find the behaviour of the product varying from the claims in the data sheets please stop the use of the product and contact the nearest Perma staff or distributor.

STATEMENT OF RESPONSIBILITY

Perma branded products when used in accordance with the current published directions for use, performs as per its data sheets / catalogue. The manufacturer and the distributor will not be responsible for other materials and conditions of inferior workmanship.

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