

TectorPlast

Block Laying Mortar GP 106

Description

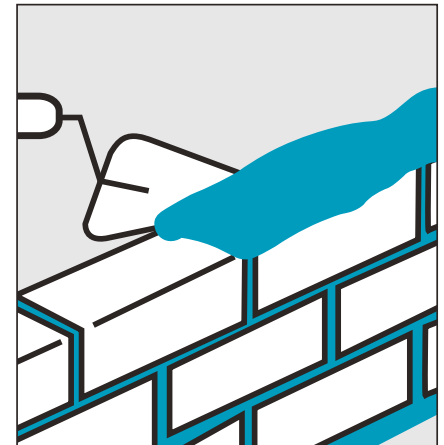
TectorPlast Block Laying Mortar GP is a pre-mixed mortar for laying / fixing of concrete block, clay brick and other similar masonry units. It has an excellent traveling and water retention properties.

Composition

Ordinary Portland cement, hydrated lime, crushed natural mineral aggregates and special additives for performance improvement.

Features & Benefits

- Excellent workability
- High moisture retention
- Screw mixer — for continuous mixing
- Mixed by hand or electrical mixer
- Uniform consistency
- Strength compatible to concrete block masonry
- Low shrinkage mortar



Method of Application

Surface Preparation:

Clean the concrete or clay masonry using a brush to remove the dust and loose particles. Pre wet the block to compensate the suction by applying clean potable water. Free water on the surface should be allowed to disperse before placing the mixed mortar.

Mixing:

TectorPlast Block Laying Mortar should be mixed with potable water in a clean plastic bucket, or a clean non corrosive, uncontaminated metal tub. To ensure homogeneous and uniform mixing, use of electric agitator is recommended. To a 50 kg bag of dry mortar add 7 liters of potable water for mixing. Water should always be placed in to the mixing vessel before the addition of TectorPlast Block Laying Mortar. Mix the mortar homogeneously with the help of electrical tool. Allow the mixed mortar to stand for 5 minutes and mix again before the start of application. No further water should be added to the mix. Do not use hard and partially set mortar.

Application:

Apply TectorPlast Block Laying Mortar to masonry blocks or lay blocks on top of the mortar before it starts forming the skin. Place masonry blocks into mortar to form uniform joints of approximate 10 mm. fill the head joints with mortar properly. Tool all the joints when mortar has set to thumb press hard.

Curing:

Applied mortar must to be cured by keeping moist for a minimum period of 3 days.

Precautions & Limitations

Masonry mortar should always be applied as per the method give in this data sheet. Lafarge Emirates Cement should not be held responsible for any claim arising out of non-performance of the product due to incorrect application procedure or usage of product for nonrecommended purpose. Please contact LEC technical team for more details on application of TectorPlast Block Laying Mortar for purpose other than mentioned above.



Technical Information

Properties	Results
Physical stat	Dry mix granular mortar
Binder	Ordinary Portland Cement
Colour	Light Grey
Density	Dry – 1.6Kg/ltr,wet – 1.9 Kg/Ltr
Size of Aggregate	0-2.0mm
Water requirement	Approx 14%
Approximate yield	560ltr per ton
Compressive strength	2 10N/mm ² at 28 days
Working time	> 60 Minutes
Flexural strength	2.0N/mm ² at 28 days
Storage & Shelf life	12 months from the date of manufacturing when stored dry condition
Curing	Min. 48 hrs by potable water (3-4 times a day)
Applicable standards	BS 5262, 5492, 4551, DIN 1168 / 2, 18850 / 1, ASTM C 348. 349. C 109/CM -01



Health & Safety Precautions

TectorPlast Block Laying Mortar has no specific Health hazards. It is nontoxic but contains Portland cement, which after mixing with water becomes strongly alkaline and may cause skin irritation if exposed to such condition for a long time. Avoid inhalation of dust and in case of contact with eyes and skin, wash with plenty of clean water and take medical help if required. Work in well ventilated condition and use protective kits such as mask, gloves and spectacles. Keep the material out of the reach of children.

The above technical data are based on controlled laboratory conditions. However, there may be some variation in yield and coverage depending on the ambient weather and site conditions.



Wear gloves



Wear goggles and respirator mask



Do not swallow, do not inhale



GHS05



GHS07



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