

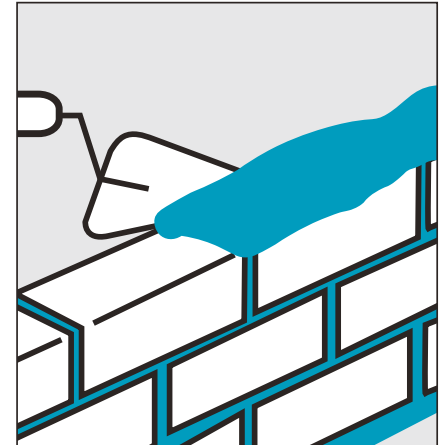
TectorPlast

Aerated Thin Block Laying Mortar 136

Description

TectorPlast Aerated Thin Block Laying Mortar is a cementitious thin layer masonry mortar. Suitable for internal and external applications, thin layer mortar for joining AAC blocks, pre fabricated walls and is suitable for joint thickness of less than 1mm.

It can be applied with a suitable serrated trowel to achieve a uniform thickness.



Composition

Ordinary Portland cement, processed natural mineral aggregate and special chemical adhesives.

Features & Benefits

- Excellent workability
- High Adhesive properties
- Optimum mechanical properties
- High water retention
- Shrinkage resistant
- Mixed by hand or electrical mixer



Method of Application

Surface Preparation:

The light weight blocks should be cleaned using a brush to remove any dust or loose particles. The blocks should be pre dampened prior to the application of the block mortar, to prevent moisture loss from the adhesive. Allow the free water to be removed from the surface of the blocks before the application of TectorPlast Thin Block Laying Mortar. Free water on the surface should be allowed to disperse before applying TectorPlast Thin Block Laying Mortar.

Mixing:

TectorPlast Thin Block Laying Mortar is supplied in 40 kg bags and has to be mixed with potable water in a clean plastic bucket, or a clean non corrosive metal tub. Add 8 litres of potable water to 40 kg bag. Water should always be placed to the mixing vessel before the addition of TectorPlast Thin Block Laying Mortar. Mix the material homogenously with the help of electrical stirrer. Allow the mixed material to stand for 5 minutes and mix again before applying, without adding any extra quantity of water. Hard and set mortar should not be re-mixed and used.

Application:

Fix the first course of AAC blocks using thick bed of normal cementitious mortar (1:4 cement, sand mortar). Spread the thin bed adhesive mortar TectorPlast Thin Block Laying Mortar on the top and side of the blocks to a uniform thickness of minimum 3mm using special toothed trowel. Push AAC block into mortar to form uniform vertical joints. Remove the excess adhesive mortar before it dries. Do not lay more than 8 layers of AAC blocks in a day at one stretch.

In order to avoid horizontal cracks along the wall, leave a space about 2 cm between the blocks and bottom on concrete element. The gap should be filled with suitable foam or compressive material.

Curing:

The applied TectorPlast Thin Block Laying Mortar has to be cured 3 – 4 times a day for at least 2 days by spraying a mist of clean water on the mortar joints.

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 non-recommended purpose. Please contact Tector technical team for more details on application of TectorPlast Aerated Thin Block Laying Mortar for purpose other than mentioned above.



Technical Information

Properties	Results
Physical state	Premix granular mortar
Binder	Ordinary Portland Cement
Colour	Light Grey
Size of Aggregate	0 – 0.8mm
Density	Dry – 1.3kg/ltr, wet – 1.8kg/ltr
Water requirement	20%
Approximate yield	618ltr per ton
Working time	> 60 Minutes
Curing	Min. 48 hrs by potable water
Compressive strength	10N/mm ² at 28 days
Flexural strength	2.0N/mm ² at 28 days
Packing	40kg paper bag
Storage & Shelf life	12 months from the date of manufacturing when stored under dry conditions
Applicable standards	BS 4551, DIN 1168/2, ASTM.C.348 – 9/97, DIN 1053-1



Health & Safety Precautions

The product contains Portland cement, which after mixing with water becomes strongly alkaline and may cause skin irritation if exposed to such conditions 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 masks, gloves and spectacles. Keep the material out of 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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