

LISBON BLOCK FIX

Block Jointing Mortar



DESCRIPTION

Lisbon Block Fix Is Ready To Use Grey Cement Based Non-shrink, Self- Curing, Water Resistance Mortar For Fixing Aac Blocks, Concrete Blocks, Fly Ash Bricks Etc.

USES:

Fixing And Jointing Masonry Units Like AAC Blocks, Concrete Blocks, Fly Ash Bricks Etc.

FEATURES & BENEFITS

- Ready To Use, Only Water To Be Added.
- Thinner Jointing Material With Very High Tensile Adhesion Strength Improving The Overall Masonry Strength.
- Better Bond Than Conventional Cement Based Mortar.
- Faster To Apply Due To Good Spreadable Properties.
- Excellent High Strength & Water Retention Properties.
- Economical As Quantity Of Mortar Is Less Than Conventional Mortar.
- Self-Curing.

FORM:

Appearance / Colours: Grey Powder
Packaging: 40 Kg Bag

STORAGE AND SHELF LIFE :

6 Months From Date Of Production If Stored Properly In Original Unopened, Sealed And Undamaged Packaging In Dry And Cool Conditions.

CURING:TECHNICAL DATA

Chemical Base: Cementitious Mortar
Modified With Polymers.
Bulk Density: ~ 1.45Kg/l(at+27°C)

Layer Thickness: 3-4 Mm

Tensile Adhesion: ≥ 0.8 N/mm²
Strength

Compressive Strength: > 10 N/mm² At 28 Days
(according To En 1015-11) Pot Life: 90 Minutes

Substrate Temperature: +5°C Min. / +45°C Max.

Ambient Temperature: +5°C Min. / +45°C Max.

COVERAGE

~3 -4 Kg Powder Required / Sqm For 3 Mm Average Thickness

SUBSTRATE QUALITY

The Substrate Must Be Structurally Sound, Laitance Free, Clean And Free From Dirt, Oil, Grease, Other Contaminants And Loose Or Friable Particles.

SUBSTRATE PREPARATION

Pre-wetting Of Substrate Is Essential With Maximum Saturation Of Water But Saturated Surface Dry (S.S.D.) Condition

MIXING

Water: Powder = 0.22 To 0.24 By Weight (6.6l To 7.2 L Water Per 30 Kg Bag).

Mixing Time: 3 Minutes Minimum.

APPLICATION METHOD

If The Substrate Is Very Porous, If The Temperature Is High And/or The Relative Humidity Low, It Is Advisable To Dampen The Surface. Do Not Leave Any Standing Water.

Apply A Thin Uniform Layer Of Lisbon Block Fix - Block Joining Mortar 2 To 3 Mm Thick On The Clean & Levelled Surface Of Masonry Units Using Proper Trowel .

Place The Next Course Of Masonry Units On Evenly Jointing Mortar Bed In Proper Line & Level. Each Masonry Unit Shall Be Properly Bedded And Set In Position By Gently Pressing With Handle Of Trowel.

Inside Unit Of The Masonry Unit Shall Be Applied With Mortar Before The Next Unit Is Laid & Pressed Against It Especially In Case Of Bricks.

Clean The Excess Material, If Any Immediately. Continue The Procedure For The Entire Masonry Work.

Do Not Disturb The Blocks /bricks Setting For First 24 Hours.

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MIXING TOOLS

Lisbon Block Fix - Block Joining Mortar Must Be Mechanically Mixed Using A Forced Action Mixer Or In A Clean Container Using A Drill And Mixing Paddle (< 500 Rpm). A Normal Concrete Mixer Is Not Suitable.

Mix Thoroughly With Clean Water For A Minimum Of 3 Minutes.

Leave Material To Stand In Container Until The Majority Of Bubbles Have Dispersed (minimum 5 Minutes).then Remix The Material For 15 Seconds - The Product Is Now Ready For Use

CLEANING TOOLS

Clean All Tools And Application Equipment With Water Immediately After Use. Hardened / Cured Material Can Only Be Removed

NOTES ON APPLICATION / LIMITATION

Cementitious Substrates Must Be At Least 28 Days Old.

Do Not Exceed The Recommended Water Dosage. Apply Only To Sound, Prepared Substrates. Do Not Exceed The Maximum Layer Thickness.

Protect Freshly Applied Material From Freezing And Rain Etc.

HEALTH AND SAFETY INFORMATION

For Information And Advice On The Safe Handling, Storage And Disposal Of Chemical Products, Users Shall Refer To The Most Recent Material Safety Data Sheet Containing Physical, Ecological, Toxicological And Other Safety-related Data.