

# Blato Block Fix

## DESCRIPTION:

- Blato Block Fix is a premixed high quality mortar for jointing and bonding of all types of bricks. It consists of specialized polymers, Cement, graded sand and other material which combine to give superior strength, water retention and stability. It replaces the conventional method and material of jointing mortar which requires a 12-18 mm thickness with a revolutionary 2-5 mm joint thickness
- Blato Block Fix only requires addition of water before application to prepare the product for use, reducing the hassle of measuring and maintaining various individual elements to create a conventional mortar

## USES:

- Laying and joining of masonry units
- AAC Blocks
- CLC Blocks
- Concrete Blocks
- Hollow Blocks
- Clay Bricks and Fly- Ash Bricks

## FEATURES AND BENEFITS:

- Time and manpower is saved
- High strength
- Excellent adhesion
- Strong adhesion strength
- Moisture- and frost-proof
- Indoor and outdoor use
- Easy to apply
- Excellent workability
- Fast to prepare
- Stable quality

## SURFACE PREPARATION:

The surface area where Blato Block Fix needs to be applied should be sound, thoroughly clean and free from dust, grease, oil and any loose material

The masonry surface should be pre-wetted before applying Blato Block Fix

Line out on the concrete slab should be done by using conventional cement mortar to get the desired line level

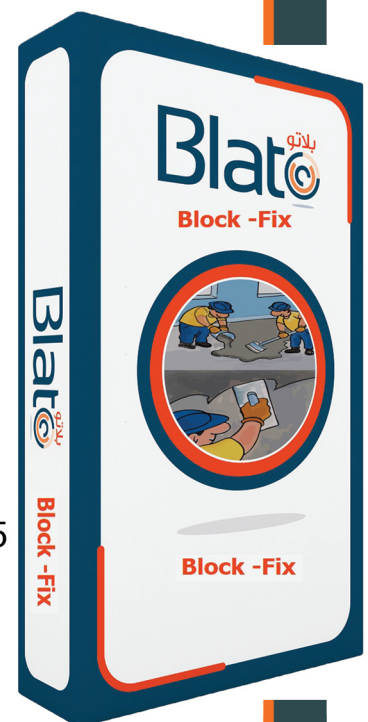
## MIXING:

Take the required quantity of water in a clean bucket, add Blato Block Fix (6-7 Lit for each 25 kg bag) as recommended. Stir continuously for 5-10 minutes by using an electric mixer or by hand to obtain a homogeneous lump free mix

Allow the resultant wet mortar to stand for about 5 minutes for the additives to dissolve. Re-mix again for about 2 minutes. The mixture is now ready

Use the mix within 60 minutes. For best results it is advisable to use notch trowel of 3 to 6 mm to have better contact and bonding

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**APPLICATION:**

- Start the first layer on floor using normal sand – cement mortar due to undulation in level of floor
- Lay the blocks of first layer with proper leveling using sprit level, water tube, and other leveling tools
- Once first layer is set, now start second layer using Blato Block Fix
- Spread the mortar on all sides of block in such a way to maintain the bond thickness 2-5 .mm. Use toothed trowel to spread the mortar over blocks
- Use sprit level and fiber/rubber hammer to remove any air gaps in between blocks for proper jointing & alignment
- Do not disturb the wall after application of mortar for at least 24 hours. The setting time is affected by climatic conditions, allow stand along time accordingly

**Coverage:**

- Depending on the nature of the substrate one bag 25kg cover 14-16 m<sup>2</sup> at 1mm thickness

**STANDARD :**

- ASTM C926
- ASTM C109
- ASTM C348
- EN 1015-12

TECHNICAL DATA	
Type of cement	ASTM C150 TYPE I
Appearance	Gray / white powder
Max. aggregate size	1 mm
Density	1.5 kg/L (dry) 1.7 kg/L (wet) for 24-28% water demand
Application Thickness	2-5 mm
Compressive strength ASTM C109	> 10Mpa at 28day
Flexural strength ASTM C348	>2 Mpa at 28 day
Tensile strength ASTM C1660	>0.5 Mpa on ACC Block
Pot time	90 min
Initial setting	5 hours

**CLEAN UP INSTRUCTIONS:**

Clean all tools and surrounding areas and surfaces immediately with water, ensuring no waste or contaminated water ends up in drains or waterways

**PRECAUTIONS:**

- Blato Block Fix is not a replacement for waterproof membranes. When a waterproof membrane is required, use a different product for the same
- During cold weather, protect finished work from use until fully cured
- Keep out of reach of children

**PACKAGING:**

- kg bags 50
- kg bags 25

#### SHELF LIFE / STORAGE:

- Factory packed bags of Blato PM-Plaster carries a shelf life of 12 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline

#### ENVIRONMENTAL & SAFETY PRECAUTIONS:

- Blato Block Fix contain cement powders which can be harmful to the skin. During use, avoid inhalation of dust and contact with the skin and eyes
- Wear suitable clothing, gloves, eye protection and respiratory protective equipment
- If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap
- In case of contact with the eyes rinse with plenty of fresh water and seek medical advice
- If swallowed, seek medical attention immediately do not induce vomiting. For further information consult the mortar Material Safety Data Sheet