

# Building Blocks Weber wall solution makes it easy

Presenting Weber Wall Construction Solutions.



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care

Wall Construction Solutions

Highly polymer modified thin set masonry mortar  
**weber blokset plus**

weber blokset plus is a high-grade non-refractory mortar consisting of high-performance polymers for bonding masonry units, like AAC blocks. It is a weber proprietary formulation of the blend of polymers, retainers, cement, mineral additives & graded sand to have excellent grip and adhesion strength between block to block.

**Features**

- For 2mm bed thickness.
- Conforms to ASTM C-1600-10.
- No pre-wetting of blocks required.
- Very high tensile splitting strength (Bond strength).
- Environment-friendly.
- Chiseling and conduiting can be carried out after 48 hours.
- The plastering can be carried out after 24-48 hours.
- No shrinkage and leakage.
- No powdering on the specified thickness.
- Can be applied with 80% material transfer.
- Cost effective as it is applied in less thickness, having superior coverage, reduction in wastage due to long pot-life, allows high-speed block mounting and no water curing required.

**Technical Parameters**

Mixing ratio	: 2.5 parts of powder to 1 part of water
Pot life	: 120 min
Compressive Strength	: > 6MPa
Tensile splitting strength at 28 days	: >0.5MPa for 2mm thickness with 80% transfer of material

**Consumption**

3.5 kg – 4 kg/sqmtr at 2mm thickness

**Pack Size: 30 kg**

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in.weber/weber-blokset-plus



High bond strength thinset masonry mortar  
**weber blokset**

weber blokset is a non-refractory mortar consisting of high-performance polymers for bonding masonry units, like AAC blocks. It comprises of polymeric additives which help in providing the mechanical bond. It is easy to use with ideal average thickness.

**Features**

- For 3mm bed thickness.
- Conforms to ASTM C1660-10.
- High tensile splitting strength (bond strength).
- Self-curing adhesive.
- The chiseling and conduiting can be carried out after 7 days.
- The plastering can be done after 4 days.
- Minimize shrinkage and leakage.
- Can be applied with 90% material transfer.
- Improves workability.
- Cost effective as it is applied in less thickness, having superior coverage, reduction in wastage due to long pot life and no water curing required.

**Technical Parameters**

Mixing ratio	: 3 parts of powder to 1 part of water
Pot life	: 90 min
Compressive Strength	: > 7MPa
Tensile splitting strength at 28 days	: >0.4MPa for 3mm thickness with 90% transfer of material

**Consumption**

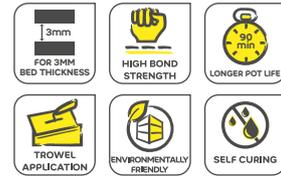
5 kg - 5.5 kg/sqmtr at 3 mm thickness

**Pack Size: 40 kg**

Scan QR Code for more details:



in.weber/weber-blokset



Premix self-curing masonry mortar  
**Weber blokfix**

weber blokfix is a non-refractory mortar, used for laying masonry units like AAC blocks. It is a self-curing mortar made from cement, sand, and polymeric additives, which ensure excellent bonding and durable strength between the blocks.

**Features**

- For 4mm bed thickness.
- Suitable for undulated blocks.
- Block mounting full wall in 2-3 days.
- The chiseling and conduiting can be carried out after 14 days.
- The plastering can be carried out after 7 days.
- Can be applied with 90% material transfer.
- Self-curing adhesive.

**Technical Parameters**

Mixing ratio	: 2.5 parts of powder to 1 part of water
Pot life	: 60 min
Compressive Strength	: > 7.5 MPa
Tensile splitting strength at 28 days	: > 0.3 MPa for 4 mm thickness : 90% transfer of material

**Consumption**

7 kg - 7.5 kg/sqmtr at 4 mm thickness

**Pack Size: 40 kg**

Scan QR Code for more details:



in.weber/weber-blokfix



**Directions of use**



Always clean the surface before application to remove any loose particles or laitance.



Ensure that the surface is solid (hard and rigid) for the given application and free from voids, holes, and cracks.



Pre-wetting of blocks. (Not required for weber blokset plus).



Mix powder to water (as per mixing ratio) and blend to a smooth, workable stiff paste.



Always add the powder to water.



Allow the mix to stand for 2-3 min for the paste to mature.



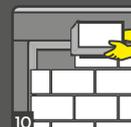
Do not add water to the already mix slurry to extend the pot life.



Put well-mixed mortar on the block with the help of trowel spread mortar uniformly on the unit for the specified bed thickness.



Firmly place the block with slight shear to ensure proper transfer and bonding.



Mortar to be applied on the block and column and beam for good bonding at the joints.

**High performance bonding agent for AAC block walls**  
**weberwall joinsbond**

weberwall joinsbond is a single component bonding agent, specially designed for providing high bonding strength between difficult to bond building elements. It eliminates the need for the hacking surface to achieve bonding. Use it for obtaining a strong bond between AAC blocks and high-grade RCC, or between plaster and bare AAC block wall.

**Features**

- Using chemical bonding provides a mechanical key for further usage.
- No hacking required.
- It is designed to achieve high bonding strength with concrete up to M60 grade.
- Achieves high bonding between the columns and AAC block walls, to prevent debonding and cracking.
- Applying on AAC block walls before plastering will enhance the life of plaster, and reduce the possibilities of debonding and cracking.

**Technical Parameters**

Physical state	: Powder
Color	: Grey
Bulk Density	: 1.3 to 1.4 g/cc
Mix density	: 1.7 to 1.8 g/cc
Mixing ratio	: 2.5: 1 by volume
Pot life	: 4 hours
Ready to use	: 24 hours after the second coat

**Coverage**

Approximately 22 – 25 Sq. ft. per kg of weberwall joinsbond

**Pack Size: 5 kg**

Scan QR Code for more details:



in.weber/weberwall-joinsbond



**Directions of use**



Clean the substrate of oil stains and bond inhibiting compounds, dirt, dust, and laitance, if any, using high-pressure water jet or any other suitable method. Ensure that the substrate is flat, stable, well adhered, and has a normal absorption. Saturate the surface thoroughly and bring the surface to SSD condition, before application of weberwall joinsbond.



Gradually add 3 parts of weberwall joinsbond to 2 part of clean water (by volume) and mix it to a lump-free, smooth, brushable slurry using a suitable stirrer/low-speed drill mix / or any other appropriate tool.



After mixing, allow the material to stand for 2 min, for it to mature.



Apply the mix, using a suitable brush, to cover the area which is to be bonded. Apply a second coat after 1 hour of application of first coat.



Allow curing for 24 hours before subsequent work.

**Lean mortar for filling top gap in AAC block walls.**  
**weberwall gapbond**

weberwall gapbond is a two component flexible cementitious formula for filling gaps between walls and bare load beams.

**Features**

- The flexible formula for filling gaps between walls and bare load beams.
- Excellent adhesion with the cementitious substrate.
- Low compressive strength to protect the wall from the excess load.
- Can be used to fill control joints and side gaps too.

**Technical Parameters**

Physical state	: Powder
Color	: Grey
Bulk Density	: 1.5 to 1.6 g/cc
Mix Density	: 1.8 to 1.9 g/cc
Mixing Ratio (powder to water)	: 4: 1 by volume
Pot life	: 20 min
Initial setting time	: 3 hours

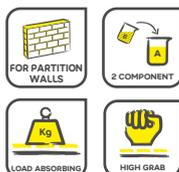
**Pack Size:** Component A: 30 kg Bag

Component B: 5 kg Container

Scan QR Code for more details:



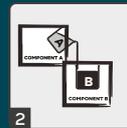
in.weber/weberwall-gapbond



**Directions of use**



Clean the substrate of any dust, laitance, oil, or any other bond inhibiting compound.



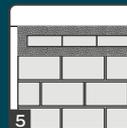
Mix weberwall gapbond component A with weberwall gapbond component B in the ratio 6:1 (by weight), and allow maturing for 2 min.



Apply a 15 mm layer on top of the last block layer.



Place cut blocks on top of the mortar layer in order to keep 15-25 mm of space above the blocks. No mortar needs to be added in between the mortars.



Pack the open space with mortar, tightly pushing the mortar to cover all the space.

## Crack filler for AAC block walls and plasters

**weberwall crackbond**

weberwall crackbond is a single component, easy to use crack filling mortar, specially designed for filling cracks on AAC block walls and plasters. The high bond strength of the mortar reduces further development of cracks.

### Features

- Relies on chemical bonding, to provide high bond strength crack filling formula.
- Excellent adhesion with cementitious substrates, like AAC blocks, plasters, masonry mortar, etc.
- Used for filling cracks up to 2mm wide.
- Surfaces are ready for subsequent use, after 48 hours, post-application weberwall crackbond.

### Technical Parameters

Physical state	: Powder
Color	: Grey
Bulk Density	: 1.2 to 1.3 g/cc
Mix density	: 1.6 to 1.7 g/cc
Mixing ratio	: 2.5: 1 by volume
Pot life	: 20 min
Initial setting time	: 3 hours

### Coverage

Approximately 60 running meter, for a 5 mm wide and 5mm deep V groove.

### Pack Size: 1 kg

Scan QR Code for more details:



in.weber/weberwall-crackbond



### Directions of use



Clean and remove loose particles. Saturate the surface with water and bring the surface to SSD conditions.



Make a V-groove on the crack, increasing its width on the surface to 5 mm using a handheld grout saw, cutter or putty patra. Make sure the groove is at least 5mm deep. Clean with water to remove any debris or loose particles, and allow to return to SSD condition.



Gradually add 2.5 parts of weberwall crackbond to 1 part of clean water (by volume) and mix it to a lump-free, smooth workable paste using a suitable stirrer/low-speed drill mix/any other appropriate tool.



After mixing, allow the material to stand for 2 minutes, for it to mature.



Apply the mix, using a putty patra or a rubber float. Firmly press the material into the groove.



Allow curing for 24 hours before subsequent work.

## Integral waterproofing additive

**webertec mixIL**

webertec mixIL is a specially designed integral waterproofing additive for cement mortar, plaster and concrete to prevent against water ingress. This additive is compatible with different grade of cement and reacts with the cementitious matrix to provide water repellent properties by improving workability and cohesiveness of mortar and concrete.

### Features

- The permeability of water gets reduced in concrete and mortar, resulting in more durable concrete.
- The compressive strength of the concrete and mortar remains within the specification limits.
- Workability of concrete and mortar is improved. It is in liquid state, gets easily dispersed in concrete and mortar.
- Minimize shrinkage cracks in concrete and mortar.
- Reduce rebound loss due to better adhesion.
- Economical in use.

### Technical parameters

Appearance	: Free flow liquid
pH	: 11+/- 1
Specific gravity (@27°C)	: 1+/- 0.05

### Consumption

Normal typical dosage is 200 mL per bag of 50 kg cement.

### Pack Size: 1 L, 5 L, 20 L

Scan QR Code for more details:



in.weber/webertec-mixIL



### Directions of use



In a concrete mixer, add cement, aggregates and sand as per the mix design and mix the contents for 2- 3 min.



Add about 80 to 85 % water as per the mix design, to the running mixer and mix it for 1- 3 min.



Add webertec mixIL to remaining 15 to 20 % water as per the mix design.



Add this mixture to the concrete /mortar mixer and mix the content for 2- 4 min.



Apply the plaster using the mix.



As with all structural concrete and cement mortars, good curing practice should be maintained. Water spray, wet hessian or a spray applied curing membrane should be used.



The recommended dosage is 200 ml per 50 kg bag of cement.

## 5-point wall construction solutions



**weberwall  
joinsbond**

Column Bonding agent: To ensure better adhesion without hacking.



**weber blokset  
weber blokset  
plus**

Masonry mortar: Post applying the bonding coat with weber joinsbond, start building the wall with ASTM C1660-10 complaint Weber Masonry Mortar range.



**weberwall  
gapbond**

Top Gap Filler: To absorb the stress on wall, due to pressure from beam, on top of the wall use weberwall gapbond.



**weberwall  
crackbond**

Crack filler: Fill the cracks in the walls, if any, up to 2 mm thickness with weberwall crackbond.



**weberwall  
joinsbond  
webertec  
mixIL**

Plaster bonding agent: Apply weberwall joinsbond on the bare wall, before applying the plaster.  
Plaster additive: Apply webertec mixIL for making the plaster with damp-proof properties, easy workability and fewer rebound losses.



### **Weber Wall Construction Solutions**

Ensure the highest performance wall, with  
Weber Wall Construction Solutions

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[in.weber/complete-wall-solution](http://in.weber/complete-wall-solution)

The perfect wall is an environmental separator - it has to keep the outside out and the inside in. In order to do this the wall assembly has to control rain, air, vapor and heat. Scan QR code for exploring more details on how to keep your wall smooth or fix the crack issue or even build a system for long lasting usage.

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Scan QR code to download android app for product information, consumption calculator and technical data for our complete product range, directly from your smartphone.



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