

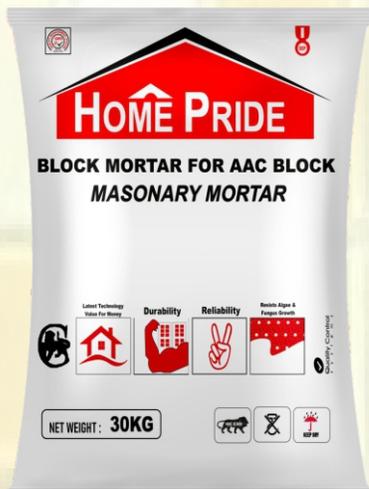


Complete Tile Fixing Solution



# BLOCK ADHESIVE

FOR FIXING ALL TYPES OF AAC BLOCKS.

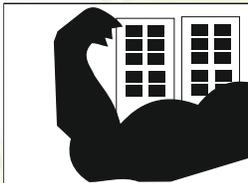


COMPLIANCE  
TYPE - 2  
ANSI A 118.3  
EN/ISO 12004

Latest Technology  
Value For Money



Durability



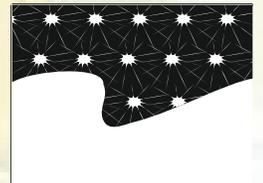
ISI MARK



Reliability



Resists Algae &  
Fungus Growth



## HOME PRIDE AAC BLOCK JOINTING MORTAR



HPAAC Block jointing Mortar is a ready to mix prepared blend of carefully raw material portland cement and graded aggregates .Designed for use with water to produce high strength mortar . Which help & in providing mechanical bond as well as excellent adhesion between the blocks.

### APPLICATION

It is recommended for fixing all type of Auto clave aerated concrete (AAC) Block  
Concrete Blocks  
Cement mortar blocks  
Cellular concrete blocks  
Concrete hollow blocks and bricks

### ADVANTAGE

Ready to use, just add water  
Flexible , shock and impact resistant  
Provides excellent adhesion between two blocks.  
No water curing required after block work is done  
Reduces the time required for mounting the blocks

**SUITABLE BLOCK TYPE**

Fly ash bricks  
Concrete block  
Hollow Concrete blocks  
Absorbent machine cut bricks  
AAC (Autoclaved Aerated Concrete)

**SUITABLE SUBSTRATES**

**Cement Based Substrates**

New / old fully cured absorbent plasters.  
New / old fully cured absorbent concrete  
IPS /PCC Floors which are sound & stable

**CERTIFICATION**

Meet  
IS 15477:2019



ANSL : A 118.3

**TECHNICAL DATA**

**Performance Property :** Home Pride Block Adhesive mixed with water.

Technical specification	
Physical appearance	Grey powder
Pot Life	>2hr
Packaging	30 Kg – 50 Kg
Dry Density	1.79 g/cc
Wet Density	1.93 kg/Lit
Water demand	25-30 %
Bed/jointing thickness	2-3mm
Initial sitting time	6 – 8 hr
Final sitting time	24 hr
Grouting of Blocks	After 24 hr
Plaster or other covering	After two weeks
Full strength of adhesive	After 21 days
Working temperature	+5°C to 35°C
working Humidity	50%

**Application Standards :** Meet IS 15477:2019 & ANSI A 118:1 , EN 12004 & ISO 13007.

IS 15477 : 2019 TYPE -2		
TEST METHOD	REQUIREMENT	TYPICAL VALUES
<b>TENSILE ADHESIVE STRENGTH</b>		
Dry Condition (28 days) Annex A (Clause 5.1)	1 N/mm <sup>2</sup>	1.01 – 1.03 N/mm <sup>2</sup>
<b>SHEAR ADHESIVE STRENGTH</b>		
Dry Condition (28 days) Annex B (Clause 5.2)	1.25 N/mm <sup>2</sup>	1.251 – 1.254 N/ mm <sup>2</sup>
<b>OPEN TIME</b>		
Open Time	> 10 Min	20 Min
<b>ADJUSTMENT TIME</b>		
Ad. T	> 10 Min	20 Min

\*All the tests carried out at standard atmospheric condition.

Compliance with EN norms 12004		
Tensile Adhesion (porous surface)	1.0 N/mm <sup>2</sup>	As per EN 1348
Tensile Adhesion (after heat)	0.55 N/mm <sup>2</sup>	As per EN 1348
Tensile Adhesion (after water immersion)	0.66 N/mm <sup>2</sup>	As per EN 1348
Tensile Adhesion (after freeze-thaw cycle)	0.52 N/mm <sup>2</sup>	As per EN 1348
Splitting tensile strength @ 28 days	>0.5 N/mm <sup>2</sup>	ASTM C 1660-09

\*Final results @ 28 day.270c & 65% Humidity

Compressive strength		
Compressive strength (water cured) 28 days	>7-8 Mpa	As per is-3495(Part-1):1976
Compressive strength (Air cured) 28 days	>7-8 Mpa	As per is-3495(Part-1):1976

**Coverage details (Per 50 Kg Bag)**

Trowel size	Average Bed thickness	Minimum coverage	Maximum coverage
3mm*3 mm Square Notch	2- 3 mm	95 Sq.ft	100 sq ft

\*Coverage will be depending on type & size of tile & substrate smoothness & flatness.

**INSTALLATION**

**Surface preparation**

- Preparation of Proper surface– Ensure the surface is free from Dust, Water & Oil.
- Ensure that AAC block or brick are clean and free from dust.
- Before applying the adhesive onto block surface, splash the water and let it surface dry to improve the workability of adhesive.
- Follow concrete expansion joint and connection joint as per standard .

**Tools for application:**

- 1- Electric low speed mixing stirrer.
- 2- Notch trowel 3\*3 mm
- 3- Auto spirit level
- 4- Other mixing and finishing tool as mixing trowel ,bucket ,brush ,broom ,measuring tape etc.

**Mixing:-**

Mix Home Pride Block adhesive 50 kg bag of powder with approx 12.5 L of clean water. Use electric low speed stirrer to have desire results. Manual mixing can compromise performance of adhesive.

Adjust the water quantity as per ambient temperature. The final mix must be workable paste.

**Mixing Ratios :**

Components	Mixing Ratio
Adhesive	4
Water	1

- Mix the material again & ready to use.
- Proper edge leveling system by trowel.
- Remove the excess past & clean tile .
- Grouting can be carried out after 24-48 hr.

**Application –**

Moist the surface of block with water before applying the adhesive. once surface is moist, spread the adhesive onto the surface of block with help of notched trowel in bad thickness of 2-3 mm. or as needed.

Once adhesive is applied, fix the blocks onto adhesive before skin formation and press firmly . in case adhesive dry too fast due to surface absorption of block and windy surround, then apply at a time in small areas of block surface . Leave appropriate space between concrete wall and blocks to accommodate surface movement. Fill the joint with correct sealant or flexible material.

Once adhesive is fully cured, apply the plaster or any other covering.

**Cleaning Tools –**

After application completion operated tool should be clean as soon as possible.

**GROUTING: –**

Grouting installation shall be carried out after a minimum time interval of 24 -48 hr at 21\*c (70\*f).

**Storage** – Store cool & dry place .

**Storage life** – One year from the date of Mfg with original tightly sealed bags away from direct sun light.

**Health Precautions**

This product contains cement and silica

This product can be irritating to eyes and skin

Avoid eye contact and prolong contact with skin

Wash thoroughly after handling

If eye contact occurs flush with water for 15 minutes and consult with physician

Do not breath dust ; wear a P2 type respiratory mask

Gloves ,Goggles and Dust mask should be worn

**CUSTOMER CARE**



**Cooperate Office**

**Home Pride Adhesive .Pvt.Ltd.**

F.429,Phase-1 , RIICO Industrial area,  
Bhiwadi (Alwar, Raj.)



[www.homepride.in](http://www.homepride.in)



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**Branch Office**

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**Home Is Everybody Pride So, Make Sure You Use Home Pride**

