



BUILDING A STRONG FOUNDATION



1 AUTOCLAVED AERATED CONCRETE (AAC BLOCKS)

HomeSure WallEX AAC Blocks are used as a substitute for conventional building masonry as it is widely accepted globally because of its beneficial properties such as lightweight, thermal, and sound insulation, fire resistant, low capillary water absorption, easy to cut, and other benefits which ease the process of construction.

FEATURES

-  **Dimensional stability**
-  **Confirmation to grade 1 as per IS 2185**
-  **Termite and mold resistant**
-  **Durable**
-  **Fire resistant**
-  **Sound isolation**

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
SIZE (L X H X T)	: 600 x 200 x (75 to 225) mm
PRECISION IN SIZE	: 1.5 mm (+/-)
COMPRESSIVE STRENGTH	: 3.5 N/mm ² & above (as per IS : 2185)
DRY DENSITY	: 550 - 650 Kg/m ³ (oven dry)
FIRE RESISTANCE	: 02 to 06 hours (Depending upon thickness)
SOUND INSULATION INDEX	: 45db for 200 mm thick wall
THERMAL CONDUCTIVITY	: 0.24 (w / k-m)

2 BLOCK JOINTING MORTAR (BJM)

HomeSure WallEX Block Jointing Mortar is a polymerised cement-based mortar specially formulated for joining blocks. This mortar is specially designed and manufactured under stringent quality controls to give superior adhesive strength, higher durability and a strong bond between the blocks. This unique combination enables this mortar to be thinner, compact and versatile.

FEATURES

-  **Highly durable**
-  **Strong bond**
-  **Flexural strength**
-  **Superior adhesive strength**

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 20 – 30 %
POT LIFE	: > 30 minutes
SETTING TIME	: 30 - 600 minutes
DENSITY	: 1.5 to 1.8 g/ml

3 MICRO CONCRETE

HomeSure WalLEX Micro Concrete is combination of cement, high quality graded fine aggregate, shrinkage compensating agents and dispersion agents. It gives high-strength and designed for precision grouting and general construction applications. It has excellent flowability, workability & proper particle size to reach small & congested reinforcement.

FEATURES

 **High strength to weight ratio**

 **Highly Durable**

 **Easy to use**

 **Versatile**

MECHANICAL PROPERTIES

COMPRESSION STRENGTH (AFTER 1 day) : > 20 MPa

COMPRESSION STRENGTH (AFTER 3 days) : > 35 MPa

COMPRESSION STRENGTH (AFTER 7 days) : > 45 MPa

COMPRESSION STRENGTH (AFTER 28 days) : > 60 MPa

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 10 – 15%
FLOW AT 0 MINUTE	: 200 – 250 mm
FLOW AT 20 MINUTE	: 150 – 200 mm
SETTING TIME	: < 10 hours
BLEEDING	: NO BLEEDING OR FOAM ON TOP

4 QUICK BOND

Quick Bond is a mixture of sand, cement and superior quality polymers made for bonding of RCC structures. It is a bonding agent that enables quick preparation of ceiling and RCC wall surface. It also offers the dual benefits of mechanical and chemical bonding, which eliminates the labor-intensive hacking and reduces de-bonding losses.

FEATURES

 **Excellent bonding**

 **Prevents micro cracking**

 **Fast drying**

 **Easy to apply**

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 50 – 70 %
POT LIFE	: > 30 minutes
WORKABILITY	: Good
DENSITY	: 1.65 -1.75 g/ml

5 READY MIX PLASTER (RMP)

HomeSure WallEX Ready Mix Plaster RMP, a polymer-modified plaster, gives interior (plastering) and external (rendering) surfaces a smooth finish and improved substrate connection. It is water-resistant and crack-free. It smooths, strengthens, and protects rough walls, columns, ceilings, and other parts of the building from rain and other weather. It streamlines construction, simplifies maintenance, and levels paintwork.

FEATURES



Cracks free wall



High compressive strength



Highly durable



Smooth plastering

TECHNICAL DATA

PARAMETERS SPECIFICATIONS

CONSISTENCY	: 15 – 25 %
POT LIFE	: > 30 minutes
SETTING TIME	: 30 - 600 minutes
DENSITY	: 1.8 to 2.1 g/ml

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION : > 0.30 MPa

COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH : CS IV- >6 MPa

FLEXURAL STRENGTH : > 1.5 MPa

WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS) : ≤ max 0.20 kg/Meter²Min^{0.5}

WATER RETENTIVITY : > 95 %

6 PREMIUM WATER-PROOF READY MIX PLASTER

HomeSure WallEX Premium Waterproof Ready Mix Plaster is a ready to use cementitious waterproof plaster suitable for internal and external applications. This one of a kind waterproof plaster consists of controlled premixed water resistant polymer additives with well graded sand and fillers with cement which creates a hard & durable surface capable of protecting external surface against penetration of rain water.

BENEFITS



Zero seepage



Economical



Consistent quality



High durability

TECHNICAL DATA

PARAMETERS SPECIFICATIONS

BULK DENSITY	: 1.7– 1.8 g/ml
MIX DENSITY	: 2.2 – 2.5 g/cc
WATER DEMAND	: 15 – 25%

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION : > 0.3 MPa

FLEXURAL & COMPRESSIVE STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH : > 1.5 MPa

FLEXURAL STRENGTH : > 6.0 MPa

WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS) : < 0.2 kg/m²min^{0.5}

WATER PERMEABILITY (UP TO 2 BAR PRESSURE) : Passes (NMT 50% of control specimen)

7 PREMIUM SELF-CURING READY MIX PLASTER

HomeSure WallEX Premium Self-Curing Ready Mix Plaster is a ready to use cementitious plaster suitable for internal and external applications. Its unique blend of self-curing polymer additives with well graded sand and cement makes it a unique plaster which gives strength and durability to the plaster without a requirement of curing thus saving water.

BENEFITS



TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
BULK DENSITY	: 1.7 – 1.8g/ml
MIX DENSITY	: 2.2 – 2.5g/cc
WATER DEMAND	: 15 – 25%

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION : > 0.3 MPa

FLEXURAL & COMPRESSIVE STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH : > 1.5 MPa

FLEXURAL STRENGTH : > 6.0 MPa

8 PREMIUM FIRE-RESISTANT READY MIX PLASTER

HomeSure WallEX Premium Fire Resistant Ready Mix Plaster is a cement based expanded perlite bead filled polymer reinforced ready to use plaster suitable for internal and external applications. Its unique blend of 99% inorganic raw materials, polymer additives with well graded sand and cement makes it a unique plaster which gives strength and durability to the plaster with excellent thermal and sound insulation thus keeping your building high on fire resistance and energy conservation by saving the electricity costs for maintaining the building cool or hot according to seasonal needs.

BENEFITS



TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 60 – 75 %
DRY DENSITY	: 0.55 – 0.65 g/ml
DRYING TIME	: 12 Hrs FOR INITIAL DRYING, 24 Hrs FOR FINAL DRYING
APPLICATION TEMPERATURES	: (+5°C) - (+45°C)
POT LIFE	: >120min.

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION : > 0.3 MPa

COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)

COMPRESSIVE STRENGTH : 1.5-5 MPa

FLEXURAL STRENGTH : > 0.5 MPa

WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS) : <0.40 kg/m²min^{0.5}

9 SPRAY PLASTER

HomeSure WallEX Spray Plaster is a polymer-modified ready-to-use plaster that bonds better to interior and external surfaces. Spray Plaster is water-resistant and crack-free. Its particular composition allows the machine-sprayed application, lowering application costs. It gives ceilings, walls, and bases a smooth, inert, high-quality surface. It cuts building time, waste, and labor.

FEATURES

-  **High compressive strength**
-  **Highly durable**
-  **Smooth plastering**
-  **Excellent coverage**

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 15 – 25 %
POT LIFE	: > 60 minutes
SETTING TIME	: 30 - 600 minutes
DENSITY	: 1.8 to 2.1 g/ml

MECHANICAL PROPERTIES

PULL-OFF STRENGTH (AFTER 14 DAYS)

DRY ADHESION : > 0.30 MPa

COMPRESSION & FLEXURAL STRENGTH (AFTER 28 DAYS)

COMPRESSION STRENGTH : CS IV- >6 MPa

FLEXURAL STRENGTH : > 1.5 MPa

WATER PROPERTIES

WATER ABSORPTION (AFTER 28 DAYS) : ≤ max 0.20 kg/Meter²Min0.5

WATER RETENTIVITY : > 95 %

10 REPAIR MORTAR

HomeSure WallEX Repair Mortar is a fiber polymer-modified cementitious mortar. Due to its good compressive strength, it is ideal to repair RCC beams, columns, and slabs. Its pre-mixed additive improve performance and adherence to host concrete/masonry surfaces.

FEATURES

-  **High bonding strength**
-  **Easy to mix**
-  **Shrinkage control**
-  **Strong repair**

MECHANICAL PROPERTIES

COMPRESSION STRENGTH (AFTER 1 day)	: > 15 MPa
COMPRESSION STRENGTH (AFTER 3 days)	: > 30 MPa
COMPRESSION STRENGTH (AFTER 7 days)	: > 40 MPa
COMPRESSION STRENGTH (AFTER 28 days)	: > 50 MPa

TECHNICAL DATA


PARAMETERS	SPECIFICATIONS
CONSISTENCY	: 10 – 15%
POT LIFE	: >60 minutes
DENSITY	: 1.7 – 1.9 g/ml
SETTING TIME	: < 10 hours



11 CRACK FILLER

HomeSure WallEX Crack Filler is a white cement-based polymer modified product for both internal and external walls. The cracks can be filled within a width of 4 mm on plastered surfaces. A fine quality crack filler makes repairing cracks or gaps in wall and ceiling surfaces easier.

FEATURES

-  **Excellent crack hiding ability**
-  **Quick drying ability**
-  **Cost-effective**
-  **Smooth finish**

TECHNICAL DATA

PARAMETERS	SPECIFICATIONS
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WHITENESS	: > 70 %
CONSISTENCY	: 30 – 35 %
POT LIFE	: > 90 minutes
DENSITY	: 1.5 -1.8 g/ml





HOMESURE
WALLEX
Wall Expert



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