

**ASHTech BUILDPRO
INDIA PVT. LTD.**



**ModCrete
Blox®**

AAC Blocks

Eco-Friendly Substitute of Red Bricks

**we nurture
the nature**

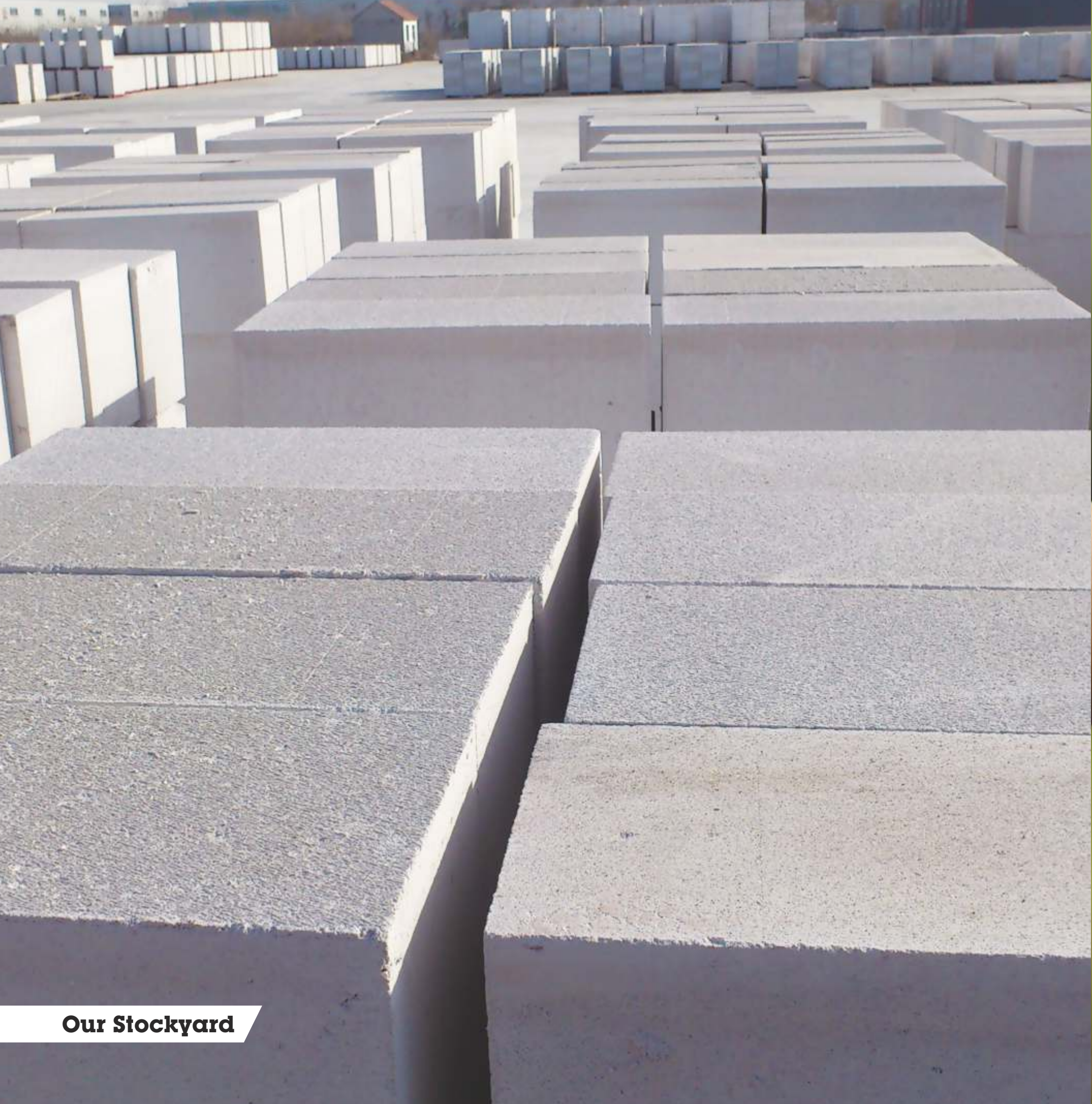


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IS-2185:PART-3:1984





Our Stockyard

Industrialization has taken its toll on mother earth and with growing number of buildings cropping up around the world, it's high time to give something back to nature...

Being a part of the construction industry, gives us the perfect opportunity to improvise and innovate. Idealizing this, AAC blocks which are developed are ecofriendly substitute of red clay brick, which can be compared to earth's best creation - wood, in terms of its versatile usage, heat insulating capabilities, acoustics, light weight and work ability. This is the most environment friendly production process. It does not consume valuable top soil which in turn does not pollute environment while baking with coal. This is a zero discharge process which only consumes large amount of Fly Ash.

**shaking
hand
with the
nature**



next generation eco friendly construction technology






What is AAC ?

Autoclaved aerated concrete also known as AAC is a lightweight, precast building material that is used around the world. AAC was perfected in the mid-1920s by the Swedish architect and inventor Dr. Johan Axel Eriksson, working with Professor Henrik Kreüger at the Royal Institute of Technology. It went into production in Sweden in 1929 in a factory in Hällabrottet and quickly became very popular.

Proven as the most ideal substance for structural walls, fire walls, sound walls, floor and roof system. It is available in blocks and panels in desired shapes and sizes. The AAC is produced with Fly Ash, gypsum, cement, lime, aluminum and soluble oils with automatic material handling equipments under high temperature and baked with high pressure steam in controlled environment.





**technology
that
stands
apart**



GERMAN TECHNOLOGY

- ◉ COLLABORATION – AAC CONCEPTS, GERMANY AND SHANDONG DONGYUE, CHINA.
- ◉ ALL MACHINERY – SIEMENS MOTORS.
- ◉ BOILERS – THERMAX.
- ◉ ALL ELECTRIC INSTALLATION – SCHNEIDER ELECTRIC.
- ◉ ELECTRIC GENERATION – CUMMINS.
- ◉ WATER TREATMENT – PENTAIR.
- ◉ MATERIAL HANDLING EQUIPMENTS – VOLTAS, TOYOTA AND JCB.
- ◉ SILOS AND ACCESSORIES – WAM INDIA AND COMPETENT.
- ◉ STATE OF ART BALL MILL WITH CAPABILITY TO GRIND TO 45 MICRONS WITH 20% RETENTION.



A conceptual image featuring a dark navy blue suit jacket and a white shirt. Instead of a traditional necktie, a vibrant green leaf with a prominent yellow-green vein structure is tied around the neck. The leaf is positioned vertically, with its top forming a knot. The text 'green technology' is overlaid in white on the left side of the image.

**green
technology**



Why ModCrete brand is better than other brands

1. Technology from Germany.
2. All Machinery from Siemens.
3. We use only OPC 53 Grade Cement.
4. We produce only GRADE – 1 Material .
5. Certify each block with ISI mark.
6. We produce only GRADE 1 Material even for higher densities and strengths.
7. We bake the blocks two times (better hardness and less chance of cracking).
8. Low density and high strength. Much better than ISI requirements.
9. Very low thermal conductivity. Much better than ISI requirements.
10. We use only soft water even in mixing slurry.
11. We use only graded ISI Fly Ash.(IS 3812). No bottom ash is used.
12. We stock all raw material in sealed and covered areas, lesser impurities.
13. Very high heat insulation (Low Thermal Conductivity).



Shaping Harmony in Construction Technology



What does Modcrete AAC Blocks do for you?



High Strength

High pressure steam curing autoclaving process gives AAC unmatched strength to weight ratio, which far exceeds the Indian Building code requirements.



Light Weight

AAC blocks have a density range of 451 kg/cum to 750 kg/cum. This results in total cost savings as well as a faster construction period.



Cost Effective

Being lightweight, AAC drastically reduces the dead weight of building, resulting into reduction in steel (up to 20%) and cement (up to 25%) structural cost saving. Lighter product reduces transport costs as well being 15 times the size of a clay brick, AAC wall construction involves 1/15 of joints, thus an overall mortar saving up to 66 %.



Sound Proof

AAC walls have an excellent sound transmission class (STC) rating of 44. Which results to virtually soundproof interiors, which in turn provides Excellent Acoustic Performance.



Superior Durability

AAC blocks are highly durable and can bear adverse weather conditions. Furthermore, they are earthquake resistant. Being ultra-light weight helps AAC be long lasting. Regions of high seismic activity like Japan exclusively use AAC. As it has proven to withstand wind loads of category 5 tropical storms.



Fire Resistant

Best in class fire rating of 4 hours. The melting point of AAC is over 1600*c. more than twice the typical temperature in a building fire of 650*c.



Accurate Dimension

Its automatic manufacturing process gives AAC an exceptional dimensional accuracy & smooth surface, eliminating need of three-coat plaster walls and allowing for a final 6mm skim coat (putty/pop). Our AAC provides greater Design Versatility & Flexibility.



Thermal Insulation

It has highest thermal rating in the industry: R30! Thus, it provides well insulated interiors, keeping out warm air in summer and cold air in winters. AAC reduces Air conditioning cost upto 30%.



Workability

AAC blocks can be sawed, drilled, just like wood and hence they prove to be one of the most easy to use construction materials'. It facilitates easier fitting of plumbing, electrical and also wall fittings.



Eco Friendly

AAC is 100% Green Building Material & is a walling material of choice in LEED certified buildings. AAC is most energy & resource efficient in the sense that it uses least amount of energy & material per m3 of product. Unlike brick manufacturing process which uses previous top-layer agricultural soil, AAC uses FlyAsh (65% of its weight).



Termite & Insect Resistant

Solid wall construction and finishes which bond to the wall have no cavities for insects, termites or rodents to dwell in. This also eliminates entry points. Termites and ants do not eat or nest in AAC. Cannot be penetrated by termites or insects. Reduces need for pest control. Offers maximum protection against damage





New Invention

AAC - Adhesive / Chemical/ Readymade Mortar

A time saver | Cost Saver
Easier Application with superior adhesion
Eco Friendly and does not require water curing

Adhesive for fixing AAC blocks

Ready to mix | Thin bed solution | High bond strength | Self-curing

Product Description: AAC BLOCK ADHESIVE Mod Bond is a factory prepared blend of carefully selected raw materials, Portland cement and graded aggregates and polymers or dolomites. Designed for use with water to produce high strength thixotropic mortar for laying aerated light weight concrete, fly ash bricks, cement hollow blocks, cellular concrete blocks or smoothing over the block work surface in layers of 3mm to 5mm thickness, that meet and exceed the requirements of National and International Standards.

Thixotropic is a time-dependent shear thinning property. Certain gels or fluids that are thick (viscous) under static conditions will flow (become thin, less viscous) over time when shaken, agitated, or otherwise stressed (time dependent viscosity).

Coverage: Normally, 30–35 kg of adhesive is required for mounting one cubic meter AAC block in 2–3 mm thick mortar. Coverage is based on smoothness and evenness of the substrate, size of blocks used and the thickness of mortar used.

Suitable Substrate

- Aerated light weight blocks
- Concrete blocks
- Cement mortar blocks/bricks
- Concrete hollow blocks
- Cellular concrete blocks
- Fly Ash bricks

Package: 40 Kgs bag

Technical parameters

- Color / Appearance
- Bulk Density
- Pot life
- Open time
- Split Tensile Strength, N/mm² at 28 days
- Tensile adhesion strength @ 28 days
- Compressive strength @ 28 days

Grey and Fine Powder
1450–1550 Kgs per Cubic Meter
Upto 90 minutes
10–15 minutes
0.44 N/mm²
Initial > 0.5 Mpa, After immersion > 0.5 Mpa
> 12 MPA to 18mpa



Technical Parameter of ModBond

Substrate: The surfaces on which the block work has to be done shall be sound and confirm to good Design, Rigid, clean and free of dirt, oil, grease, curing compounds, form release agents or loose plaster and paint. For economy the surfaces should be level and true within 1.5mm in 1.0m.

Surface Preparation:

- A)** Ensure the substrate is clean and free from impurities like dust, dirt, debris, oil, grease, curing agents, existing paints, loose plaster etc.
- B)** Dampen the surface before application of adhesive
- C)** Clean the back of block for any dust or coating.

Mixing: The product can be mixed by hand or slow speed electric drill mixer (less than 300 rpm). Pour water in a clean container and then add the AAC Block adhesive until the mixture becomes creamy and plastic. Do Not Over mix. Leave the mix to slake for 5–10 min and remix before use. Mix only sufficient quantity of adhesive for immediate need.

Proportion: Approximately 1 bag of 40 Kg of AAC Block Adhesive with 10–12 ltrs of Water. Adjust quantity of liquid to obtain proper consistency.

Installation: Wet the surface and remove the excess water before applying the adhesive. Ensure the area is shaded from sunlight. The adhesive shall be applied with the flat side of the trowel using a scraping motion to work the material into good contact with the surface to be covered. Additional mortar is then applied with the notched edge of the trowel.

Application:

A) Thin bed mortar for laying blocks: Before placing mortar, ensure the block work to be dry and surfaces cleaned properly. Place the mixed mortar on the block work in thin layers of 2 to 5mm (or as required by engineers at site) using trowel and place the next layer of blocks on the mortar. Keep joints between the blocks as required by the site engineers and fill the joints with the mixed mortar, using a trowel. Check the plumb of the wall while laying the blocks to keep the walls perfectly vertical to the plumb.

B) As adhesive to install tiles: AAC Block Adhesive can be used as a thin-set adhesive to install tiles on AAC Block/Fly ash brick walls. Use a suitable notch trowel to achieve desired thickness of adhesive for installation of tiles on the wall. The most important standard to keep in mind is to ensure that the piece of block is completely bedded in the mortar or adhesive with 100% coverage after Beat in. Excess mortar on adhesive shall be cleaned from the surface of the blocks with wet cloth or sponge while the mortar is fresh.

Shelf Life: 12 months from the date of manufacturing in a sealed condition





clay brick vs modcrete blocks production



COMPARISON BETWEEN AAC BLOCKS AND CLAY BRICKS

NO.	PARAMETER	AAC BLOCK	CLAY BRICK
1.	Structural Cost	Steel saving upto 20%	No such saving
2.	Cement Mortar for Plaster & Masonry	Requires less due to flat even surfaces & less number of joints	Requires more due to irregular surface & more number of joints
3.	Breakage & Utilization	Negligible breakage almost 100% utilization is possible	Average 10 to 12% breakage, so 100% utilization not possible
4.	Labour output	Approximately double of conventional brick	Comparatively slow
5.	Quality	Uniform & Consistent	Normally Varies
6.	Efflorescence	No such chance, which improves the durability of wall along with plaster & paint in a long run	Most chances are there
8.	Carpet Area	More due to less thickness of walling material	Comparatively low
9.	Storage	Readily available at any time & any season in a short notice so no storage required	Particularly in monsoon, stock at site is compulsory which block large working space
10.	Maintenance	Less due to its superior finish	Comparatively High
11.	Soil Consumption	Zero soil consumption. Primary raw material for AAC blocks is fly ash. This fly ash is industrial waste generated by coal-based thermal power plants.	One Sq ft of carpet area with clay brick walling will consume 25.5 kg of top soil.
12.	Fuel Consumption	One Sq ft of carpet area with AAC blocks will consume 1 kg of pet coke with controlled bricks emission.	One Sq ft of carpet area with clay will consume 8 kg of coal without any control on emissions.
13.	CO2 Emission	One Sq ft of carpet area will emit 2.2 kg of Co2.	One Sq ft of carpet area will emit 17.6 kg of Co2.
15.	Production Facility	State-of-the-art factory facility.	Unhealthy working conditions due to toxic gases.
16.	Tax Contribution	Contributes to government taxes in form of Central Excise, VAT and Octroi.	Lesser contribution to government exchequer in terms of Taxes and Excise.
17.	Size	625 mm x 200 / 240 mm x 100-300 mm	225 mm x 100 mm x 65 mm
18.	Variation in Size	1.5 mm (+/-)	5 mm (+/-)
19.	Compressive Strength	3-5 N/m2 (can be higher as per requirement)	Can be 7.5 N/m2
20.	Dry Density	551-650 kg/m3	1800 kg/m3
21.	Fire Resistance (8" wall)	Up to 4 hours.	Around 2 hours
22.	Cost Benefit	Reduction in dead weight leading to savings in steel, plaster and concrete.	None
23.	Energy Saving	Approximately 30% for heating and cooling.	None
24.	Raw Material	Fly ash, Quick Lime Powder, Cement, Gypsum & Aluminum	Valuable Top Soil and Coal
25.	Construction speed	Rapid construction	Slow construction
26.	Breakage	Very less breakage	About 20-25%
27.	Heat Insulation	Very good insulation	Poor insulator in comparison to AAC
28.	Mortar Consumption M3 with 1:6	0.5 bags of cement	1.35 bags of cement
29.	Course sand for Mortar	3 bags of sand	8 bags of sand
30.	Readymade Mortar	30kg per cubic meter (can be used with cement mortar also) can not be used with readymade mortar	

versatile uses

Hospitality



Single & Multi Housing



Commercial & Industrial



Fire Resistance Solutions



Roof Insulation



Schools Universities & Dorms



Boundary Walls



Independent Houses



Cinemas & Malls



Construction in hilly area



NUMBER OF AAC BLOCKS EQUIVALENT TO BRICKS

S.No.		Length	Width	Thickness	No Of Blocks/ CUM	No. of Bricks/ Blocks
1	in MM	625	240	100	66.67	8.85
	In Inch	24.6	9.4	4		
2	in MM	625	240	115	57.97	10.18
	In Inch	24.6	9.4	5		
3	in MM	625	240	125	53.33	11.07
	In Inch	24.6	9.4	5		
4	in MM	625	240	150	44.44	13.28
	In Inch	24.6	9.4	6		
5	in MM	625	240	175	38.10	15.50
	In Inch	24.6	9.4	7		
6	in MM	625	240	200	33.33	17.71
	In Inch	24.6	9.4	8		
7	in MM	625	240	225	29.63	19.92
	In Inch	24.6	9.4	9		
8	in MM	625	200	100	80.00	7.38
	In Inch	24.6	7.9	4		
9	in MM	625	200	125	64.00	9.22
	In Inch	24.6	7.9	5		
10	in MM	625	200	150	53.33	11.07
	In Inch	24.6	7.9	6		
11	in MM	625	200	175	45.71	12.91
	In Inch	24.6	7.9	7		
12	in MM	625	200	200	40.00	14.76
	In Inch	24.6	7.9	8		
13	in MM	625	200	225	35.56	16.60
	In Inch	24.6	7.9	9		
14	in MM	625	250	100	64.00	9.22
	In Inch	24.6	9.8	4		
15	in MM	625	250	125	51.20	11.53
	In Inch	24.6	9.8	5		
16	in MM	625	250	150	42.67	13.84
	In Inch	24.6	9.8	6		
17	in MM	625	250	175	36.57	16.14
	In Inch	24.6	9.8	7		
18	in MM	625	250	200	32.00	18.45
	In Inch	24.6	9.8	8		
19	in MM	625	250	225	28.44	20.75
	In Inch	24.6	9.8	9		
20	in MM	625	200	115	69.57	8.49
	In Inch	24.6	7.9	4.5		

One Cubic Meter of AAC blocks are equivalent to 565 Bricks of Standard Bricks Size Length 230 MM, Width 70 MM, Thickness 110 MM.

SAVINGS

Increase in Carpet Area- With the use of MODCRETE AAC Blocks, the wall width can be optimized to create 2–8 % additional valuable floor space. More so, with reduction in dead load on structure due to light weight, the sizes of structural elements can be optimized to minimize wall thickness and create additional floor space.

Saving in Steel- Steel is one of the major components of construction activity. So the amount of steel used depends on the load to be taken by the building, the dead weight of the structure and the super structure is also taken into consideration in the calculation of the steel requirement. The dead load of masonry work reduces by approximately 66% and structural steel can be saved up to 20% designing optimally depending on type of structure and soil.

Saving in Mortar- The bricks or blocks are used in walls and walls are mostly plastered with cement / sand mortar, the dimensions of the bricks/blocks play a very crucial role in determining the quantum of plastering material used. AAC Blocks are 7–15 times bigger than Red Clay Bricks resulting saving in mortar and substantial saving is achieved in plastering due to precision and consistency in dimensions.

Saving in Foundation Cost- Due to AAC block's light weight, it saves the steel and concrete in foundation.



ongoing projects

Boulevard by Monte Carlo



NCRTC Office by Garg Builders



Apex Golf Avenue



DMRC by YFC



The Oxygen Business Park





Ventures by Stellar



China Construction Co. Ltd.



World 1 by Bhutani Group



GNIDA by NKG Infra



Delhi Metro Housing by Sam India



NIT by Globe Civil

completed projects

Galaxy



Laureate



EXOTICA



Stellar



Supersonic





Cleo county



BGS Vijnathan School by DDNS



Apex



WAVE

Dear Mr. Deepika Gupta,

Please refer to letter dated 27/05/2019 and 28/05/2019 regarding the supply of AAC Blocks to your company. The result of the audit is as follows:

... We sincerely appreciate the hardwork put by your company...

Thanking you
Laureate Buildwell Pvt. Ltd

We are very happy to hear that you are satisfied with the quality of the products supplied by us. We will continue to provide you with the best quality products and services. We will also recommend M/S ASHTECH BUILDPRO INDIA PVT. LTD. to your company.

We are looking forward to doing business with you in your company. We will also recommend M/S ASHTECH BUILDPRO INDIA PVT. LTD. to your company.

Yours faithfully,
For Laureate Buildwell Pvt. Ltd.

Managing Office: G-101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

TO WHOM SO EVER IT CONCERN

We have been ordering AAC Blocks to M/S Ashtech Buildpro India Pvt Ltd with brand name as Modcrete AAC Blox. The supply has been in accordance with IS-2185(part 3) Grade 1 and all blocks are ISI marked.

We are continuing with the business venture.

... Our technical expert have visted the plant of production and found that the production is being done with professional practices...

Thanking you
Mahagun India Pvt. Ltd.

For Mahagun India Pvt. Ltd.

For Mahagun (India) Pvt. Ltd.

AUTHORIZED SIGNATURE

(S C Sharma)

(VP- Commercial)

Date: 07-07-2019

Dear Mr. Deepika Gupta,

Please refer to letter dated 27/05/2019 and 28/05/2019 regarding the supply of AAC Blocks to your company. The result of the audit is as follows:

We are very happy to hear that you are satisfied with the quality of the products supplied by us. We will continue to provide you with the best quality products and services. We will also recommend M/S ASHTECH BUILDPRO INDIA PVT. LTD. to your company.

We are looking forward to doing business with you in your company. We will also recommend M/S ASHTECH BUILDPRO INDIA PVT. LTD. to your company.

Thanking you,

For VG Infraventures Pvt. Ltd.

For VG Infraventures Pvt. Ltd.

AUTHORIZED SIGNATURE

(S C Sharma)

(VP- Commercial)

... we can always rely on your services... we look forward to doing business with you and many years to come....

Thanking you
VG Infraventures Pvt. Ltd.

Ref. No.

Dated: 27/06/2019

TO WHOM SO EVER IT MAY CONCERN

We have been purchasing fly ash AAC Blocks to M/S Ashtech Buildpro India Pvt Ltd with brand name as Modcrete AAC Blox. The supply has been in accordance with IS code-2185(part 3) Grade 1 and all blocks are ISI marked.

The supply Chain is satisfactory. Our technical expert have visted the plant of production and found that the production is being done with professional practices.

We are continuing with the business venture.

... we are continuing with the repeat orders and wish them all the success in their business ventures....

Thanking you
Exotica Housing
Infrastructure Projects Pvt. Ltd.

LAXMAN BHANDARI

(Manager Purchase)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

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(Signature)

Dated: 05th June 2019

Dear Ms. Deepika Gupta,

Your company had been entrusted with the order of supplying AAC Blocks including Modbond, for incorporating in the construction of National Institute of Technology, Narela, Delhi, awarded to us by NBCC (India) Limited, a Central Public Sector Undertaking.

In context with above, we would like to place on record our appreciations for the excellent service rendered in terms of timely supply of the products and the quality of the products. In addition to this, we are engaged by you in meeting time to time requirement of the ordered products ...

We look forward to future and wish you all the success in your business ventures.

Thanking you,

very responsive and reliable in meeting time to time requirement of the ordered products ...

Thanking you
Krishna Builders

(Naveen Mittal)
Director
Krishna Builder

201-A, Ring Road Mall, Deepal Chowk, Sector-3, Rohini, Delhi-110085
Phone: 011-43735356, 57, Fax: 011-43735355
E-mail: info@krishnabuilder.in

TO WHOM SO EVER IT CONCERN

We have been procuring fly ash AAC Blocks to M/S Ashtech Buildpro India Pvt Ltd with brand name as Modcrete AAC Blox. The supply has been in accordance with IS code-2185(part 3) Grade 1 and all blocks are ISI marked.

The supply Chain is satisfactory. Our technical expert have visted the plant of production and found that the production is being done with professional practices.

We are continuing with the business venture.

... the supply has been in accordance with IS code 2185 Grade 1 and all blocks are ISI marked

Thanking you
S3 Buildwell Pvt. Ltd

Thanking You

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

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Plant visit by Honorable Cabinet Minister Shri Laxmi Narayan Chaudhary Ji, Uttar Pradesh Government



Felicitation of Honorable Finance Minister Shri Rajesh Agarwal Ji for reduction in GST rates



Plant Visit by Senior Officials of Ambuja Cements Ltd

recognitions



6th Anniversary Function



Plant visit by Senegal Governor General



Recognition by Builders' Association of India



Seminar at Lucknow chaired by Secretary Urban Development Ministry



At Global Housing Technology Challenge conducted by Ministry of Housing and Urban Affairs with Secretary Shri Durga Shankar Mishra

Following points/ procedure / precautions should be adopted for installation. Code of practice as defined in IS 6041:1985 (Reaffirmed 2005) is to be followed.

- First layer of AAC course should be well leveled and laid in cement Rich Mortar.
- For remaining courses, ready made mortar (Adhesive) thickness is to be minimum 3mm and maximum 5 mm.
- If laid in cement mortar, thickness is to be maximum 10 mm with no cavities and properly water cured.
- AAC Block should be cleaned with wet cloth before installing on all sides or water dipped.
- No Steel Hammer and chisel are to be used for electric/plumbing installation.
- Proper water curing is to be done on “both sides” before plaster/POP/ Gypsum.
- RCC Bands are to be laid at every 3’ height. AAC masonry to be secured properly from bottom and top. Steel bars at every course are to be laid for 100mm/115mm/125mm/150mm. AAC blocks masonry as per masonry Codal Practice should be installed.
- Steel wire mesh/ fibre mesh is to be installed at all junction of masonry & RCC Elements. AAC Block wall is to be properly secured with the help of steel strip and nail with side columns.
- Fibre glass mesh of 45 gsm is to be laid at every course of thin bed mortar and also to be used on surfaces before final plaster or rendering.
- Rubber hammer/ mallet is only to be used to settle or placing the AAC Blocks
- All Electric/ Plumbing conduits to be protected with steel wire mesh/fibre mesh. There should be perfect leveling special first layer course.
- Proper tools and tackles are to be used for AAC masonry and both sides should be protected with Fibre mesh/ steel wire mesh, wherever required.
- It is advisable to obtain the clarification before installation from expert/manufacturer.

AAC Panels



**Reinforced
AAC Panels for
walls and roofs**



AAC PANELS



Fast Installation: Modcrete panels are faster to construct and require significantly less labour compared to traditional masonry construction techniques leading to substantial savings in site costs. Building with Modcrete also means a cleaner, safer work area during construction and less clean up at completion of building.



Fire Resistance: Modcrete panel has excellent fire ratings properties, also can be installed faster than traditional fire walls, and provides greater fire protection while saving resources. Modcrete AAC is not only non-combustible; it heats up significantly less and more slowly than other materials.



Thermal Insulation: Modcrete's unique AAC construction provides superior insulation qualities for a masonry product. The unique combination of thermal insulation along with thermal mass, makes building with Modcrete a smart choice for meeting stringent building regulations. For unit and home owners, the thermal efficiencies of Modcrete reduces the reliance on heating and cooling appliances – the combined effects of using a heater less in winter and fans or air conditioning less in summer and warmer months, can have a big impact on energy savings.



Lightweight: Modcrete panels have lighter loads on the structure which will reduce slabs, columns and footings. Modcrete AAC is up to 4 times lighter than traditional concrete representing great advantage in materials handling and transportation.



High Strength: Being a lightweight concrete reinforced with steel, Modcrete panels pass the critical

“Knock Test” for consumers. As strong and tough as bricks – independent tests show that a rendered Modcrete panel has comparable impact resistance to brick. The thin bed mortar applied between Modcrete panels works like an adhesive creating a bond between units that is stronger than the material alone.



Green Design: Modcrete AAC panel does not emit gasses or particles that contribute to indoor air pollution and it is completely recyclable. Modcrete AAC panels do not degrade with time, resulting in superior properties compared to other construction materials. Modcrete does not have any toxic substances not emit odors.



Acoustic Performance: Modcrete AAC panel's high surface mass dampens mechanical vibration energy; it functions as a sound insulation and absorption barrier to deliver quieter buildings. Once finished with other traditional constructions materials, such as stucco, plaster, brick and drywall, Modcrete panel can meet industry sound insulation standards.



Durability: Corrosion protected steel-reinforced AAC panels provide a high degree of strength, durability and security.



Precision: Exact dimensions of Modcrete AAC pieces result in smooth walls with a perfect contact among the different elements, enabling the builders to save in finishes and achieve optimal structural performances. Dimension tolerances are $\pm 2\text{mm}$ in panel length.



Cost Effective: Faster of installation and reduced structural sizes mean cost savings compared to traditional masonry construction.

Sizes Available: Thickness 100mm, 120mm, 150mm, 200mm Length: 2100mm, 3000mm, 3600mm Width: 625mm and 650mm
Any other size can also be made



Indian Standard for AAC blocks

Bureau of Indian Standard Code no – 2185 (Part–3):1984

Physical sizes of AAC blocks (Clause 3.2) Concrete Block shall be referred so by its nominal dimensions. The term ‘nominal’ means that the dimension includes the thickness of the mortar joint.

Length	625mm (24.6 in)
Height	200, 240, 250mm (8, 9.5in, 10in)
Width	100, 115, 125, 150, 200, 225, 250, 300mm (4, 4½, 5, 6, 8, 9 10, 12 in)

However standard sizes are 625x200x200 & 625x200x100

In addition, blocks shall be manufactured in half lengths of 200, 250 or 300 mm corresponding to the full length. modcrete block sizes are also available in 625 mm length and 240mm width

On tolerances of AAC block sizes:
Clause 3.2.3The maximum variation in the length of the units shall not be more than +- 5mm and the maximum variation in the height and width of the unit, not more than +-3mm.

DENSITY, STRENGTH & THERMAL CONDUCTIVITY

S. No	Density in oven dry condition	Compressive Strength (Min)		Thermal Conductivity
(1)	(2) Kg/CM	Grade-1 (3) N/SQmm	Grade-2 (4) N/SQmm	(5) W/m.k
i	451 to 550	2.0	1.5	0.21
ii	551 to 650	4.0	3.0	0.24
iii	651 to 750	5.0	4.0	0.30
iv	751 to 850	6.0	5.0	0.37
v	851 to 1000	7.0	6.0	0.42



New Inventions - Modcrete Plus - Better Heat Barrier



Density 551 to 650 kg/ Cubic Meter

1. Thermal Conductivity as per IS 2185 – 0.24 W/m K
2. Thermal Conductivity ModCrete Plus – 0.09 W/m K (Certified by BIS Laboratory).

Almost three times better insulation than normal AAC block. Almost 10 times better than Red brick (0.60 to 1.3 W/mk)

NATIONAL TESTING LABORATORY PVT. LTD.
Plot No. 83/14, Street No. 1, Opp. Metro Pillar No. 557
Udyog Nagar, Mundka Industrial Area, New Delhi-110041
Ph. : 011-28343761-65 (5 Lines), Email : ntldehi@yahoo.co.in
Visit us : www.nationaltestinglaboratory.net

TEST-REPORT

Issued to:
Manager (Quality Control)
M/s Ashtech Buildpro India Pvt. Ltd.
Khasra 48-49, MG Road Industrial Area,
Opposite Coca Cola Plant Village Dehra,
Tehsil Dhaulana, NTPC Road
Distt. Hapur UP-245301

Report No. : 181005GEN00000033
Report Date : 31/10/2018
Your Ref. No. : QC/ABIP/L/01
Dt:- 30/08/2018
Date of Receipt: 05/10/2018

Sample Description :- AAC Blocks (625 x 240 x 150 mm)

S. No.	Test	Units	Clause No.	Test Method	Results	Requirement IS 2185(Pt-3):1984 Ref:-2010	Conformity
1.	Thermal Conductivity Test	w/mk	Cl. 8.5	IS 3346:1980			Yes
1.					0.07	0.24 Max.	
2.					0.08		
3.					0.07		
Avg.					0.07		

****End of Report****

AR

Lab Incharge
S. N. JHA

Authorised Signatory
S. N. JHA

(1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
(2) Total liability of our Lab is limited to the invoiced amount.
(3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
(4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
(5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

Page-1/1

This product is quite useful for air conditioned buildings and will result in substantial savings of capital and running cost of air conditioning systems.



New Inventions - Modcrete HD

High Compressive Strength and High Density



S.No.	Description	Requirements as per Code IS 2185 Part 3	Results of ModCrete HD
1.	Density Meter	751 to 850 kg/ Cubic Meter	800–950 Kg/ Cubic
2.	Compressive Strength N/mm2	6.0N/mm2	8.6 N/mm2

Certified by BIS Laboratory.

Almost 15 percent better than Red Clay Bricks and weighting 60% of Red Clay Bricks

SPECTRO[®]
Analytical Labs Limited
CIN: U74220DL1998PLC093668

TEST REPORT

Formal No: SALL/TP/063
Issue No: 01 Issue Date: 01/04/13

Page 6 of 7

Report No: 170513014/170513014-1

CL 8.4	Compressive Strength, N/mm ²									P						
	Test Method: IS 5441 (P-5): 1972 (RA-2012)															
Compressive Strength, (Individual Readings)	8.69	8.54	8.46	8.75	8.60	8.51	8.61	8.41	8.39							
Average Compressive Strength (Test Series)	8.56			8.62			8.46									
Sample No.	Sam-29	Sam-25	Sam-30	Sam-31	Sam-32	Sam-33	Sam-34	Sam-35	Sam-36							
Moisture Content, % (Individual Readings)	10.2	9.6	10.6	10.1	10.5	10.1	10.5	10.1	9.7							
Bulk Density, kg/m ³ (Individual Readings)	866	862	860	867	865	870	865	862	866							
Compressive Strength, (Individual Readings)	8.77	8.63	8.53	8.67	8.47	8.66	8.55	8.38	8.47							
Average Compressive Strength (Test Series)	8.64			8.60			8.46									
Average Moisture Content, %										9.95						
Average Bulk Density, kg/m ³										866						
Average Compressive Strength, N/mm ²										8.6						
Average Compressive Strength as per CL 8.4 of IS 2185 (P-3): 1984							7.0 Min									
Criteria of conformity as per CL 11.2 of IS 2185 (P-3): 1984							X-0.6R ≥ 7.0									

Analyst Signature

Digitally signed by Sandeep Choudhary
Date: 2017.06.20 11:11:44 +05'30'

Authorized Signatory

Spectro Analytical Labs Limited

F-41, Okhla Industrial Area, Phase-3, New Delhi-110020 (India)

Phone: +91-11-40222000, 41611000 | Fax: +91-11-40223150, 40031511 | Email: info@spectro.in

Comparison AAC with Bricks for a wall of 10' long and 10' feet high

S. No.	Parameters	Autoclaved Aerated Concrete	Block Burnt Clay Bricks
1.	Basic raw materials & other inputs	Cement, Lime, Gypsum, Fly Ash & Aluminum	Top Soil & Coal Baked
2.	General Properties		
	Dry Density kg/m ³	650	1800
	Compressive Strength in kg/cm ²	40–60 (80–110 for HD)	40–75
	Range of applications / utility	Non-load bearing blocks	Load-bearing & non-load bearing
	Aging	Sequential gain in strength with age	No gain (Rather Detoriating)
	Thermal Conductivity (W/m.k.)	0.09–0.24 for 650 kg/m ³	0.6 to 1.3
	Sound Insulation	Superior than burnt clay & hollow concrete	Normal
	Ease of Working	Can be cut, nailed & drilled	Normal, Can not be cut and nailed
3.	Shape & Form		
	Pre-cast Brick size	625 x 200 x 100/115/125/150/200/225 mm	230 x 100 x 70 mm
	Shape	Regular with 1 mm accuracy	Deformed and variation in size
4.	Productivity in Laying	Output 300% more than brick work	Normal
5.	Eco Friendliness	Pollution free, High energy requirement, Open process uses fly ash	Creates smoke, Uses high energy, wastes agricultural land
6.	Structural saving due to dead weight reduction	65% reduction in weight of walls. Tremendous structural saving for high rise buildings in Earthquake / Poor soil	No additional saving
7.	Costing		
	No of Bricks or blocks in 10' 6"x 8' on 230mm thick wall	74 Blocks of 625 x 200 x 230 mm	1055 bricks
	No of Joints	190	1948
	Mortar Used	0.75 bags Cement & 3 bags of Course Sand	2 bags of cement & 8 bags of Sand
	Cost of Mortar	Rs 534	Rs 950
	Ready made Mortar	30 kgs	Not Applicable
	Plaster	Only one side is mandatory	Both side is mandatory
	Cost of Labour	Rs. 850	Rs. 1200
	Basic Cost of Block at Noida	Rs. 5310 @ Rs 2500 per cbm	Rs. 5802 at Rs 5.5 brick each
	Savings in Mortar	Rs 416	0
	Savings in Plaster	Rs. 1200	0
	Savings in Labour	Rs 350	0
8	Total savings in 100 sft 230mm thick wall	Rs 2450 including one side plaster	0



PROFESSIONALS BEHIND THE PRODUCTION
REAL ESTATE PROFESSIONALS WITH PROVEN RECORD



ASHTECH BUILDPRO INDIA PVT. LTD. – MAIN CLIENTS

Main Clients of ModCrete Ashtech AAC Blocks

S.NO. COMPANY

- Noida Authority
- Greater Noida Authority
- NCC Limited
- Delhi Development Authority
- Lucknow Metro Rail Corporation
- New Way Homes
- Super Tech
- Mahagun
- B. L. Kashyap
- Exotica
- Amrapali Group
- K World Group
- Ambience Group
- ATS DLF
- DMRC
- Elegant City
- Gangotri Enterprises Limited
- Saraswati Medical College
- Symbiosis University
- Land Craft
- Gannon Dinckley Ltd
- Rampur Industry
- Ridhi Sidhi
- Shiv Nadar University
- JKP Pratapgarh
- JKP Vrindawan
- Puri Constructio
- ABA Corp
- Pasarvnath Mandir
- Town Park
- C L Gupta Exports
- Dyna Con Contractors

S.NO. COMPANY

35. SDS Infracon
36. Devine India
37. Delhi Metro Rail Corporation
38. Omaxe Group
39. Green Arch
40. Unibera
41. Fortune Group
42. Purvanchal
43. Saya Sikka
44. Olive Garden
45. Wave Infratech
46. VSK
47. Aarcity
48. G. S. Medical College
49. Laureate Builders
50. White Orchid
51. Kailash Hospital
52. Rani Promoter
53. Prime Ross
54. Next Gen
55. Delmar Exports
56. Elegant City
57. Sikka Group
58. Aar City Group
59. Saya Group
60. Soho Group
61. Purvanchal Group
62. Green Arch
63. Nkg Infrastructure Ltd.
64. Proactive Construction Pvt. Ltd.
65. Supersonic Techno Build Pvt.
66. Three Platinum Softech Pvt. Ltd.

S.NO. COMPANY

67. Vikarantan Infrastructure Pvt. Ltd.
68. Unnati Fortune Hot Mat Pvt. Ltd.
69. Sky Tech
70. Dvs Enterprises
71. B. S. Techno Construction Pvt. Ltd.
72. M. P. Police Housing Board
73. Leighton
74. NBCC
75. Godrej Projects
76. Tata Projects
77. Swedish Infrastructure
78. Unity Auram
79. DDNS
80. Mi Builders
81. Swarnim Projects
82. Touch Stone Foundation
83. Prem Mandir Vrindavan
84. Chandrodaya Mandir
85. Express Builders
86. Delhi One
87. Movie Time
88. Miglani Theater
89. Acube Craft
90. Lotus
91. Golf Green Infra
92. Kumar Design India Pvt. Ltd.
93. Kindle Infra Heights
94. Shiv Nadar University
95. Auratech India
96. Krishna Madav
97. Swaraj Construction
98. Unibera Projects

S.NO. COMPANY

99. Rohini Builtech
 100. Beaver International
 101. Girdhari Lal Construction
 102. Town Park
 103. WTC Production
 104. Wagman's Industry
 105. Saksham Hindon Airforce
 106. L&T Ltd.
 107. Stellar Ventures Pvt. Ltd.
 108. YEIDA
 109. Ansal
 110. SKJ and SONS
 111. PWD Delhi
 112. CPWD
 113. Krishana Builders
 114. JPG Construction
 115. SAM India Pvt.Ltd.
 116. N.S Associate Pvt.Ltd.
 117. China Constructions Savsam India Pvt.Ltd.
 118. Shri Mahaveer Cinstr
 119. Hauke Engineering Pvt.Ltd.
 120. Neotric Group Gwalior
 121. Dainik Bhasker Group
 122. Globe Civil Infra Pvt.Ltd.
 123. Floral Realcon Pvt.Ltd.
 124. B.L. Infra PVT.Ltd.
 125. Parnika Commercial & Estate Pvt.Ltd.
 126. AIIMS Bilaspur
- ... and many more

Panoramic view of manufacturing facility
Modcrete Complex



ISO Certifications



Certificate of Registration
(Quality Management System)
QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Quality Management System of
ASHTECH BUILDPRO INDIA PVT. LTD.
KHARSA NO. 48-49, MG ROAD, OPPOSITE COCA COLA PLANT, VILLAGE DEHRA,
TEHSIL-DHAULANA, DISTT:- HAPUR, U.P. (INDIA)

Has been found to be of the Quality Management System Standard
ISO 9001:2015

This certificate is valid for the following product or service range
**MANUFACTURING OF AERATED AUTOCLAVED CONCRETE (AAC) MODCRETE
BLOCKS & FLY-ASH PRODUCTS.**

Certificate Number: **IS/1901AG/692**
Initial Date of Certification: **29.01.2019**
Date of Certificate: **29.01.2019**
Date of Expiry: **28.01.2022**

1st Surv. Due on: **28.12.2019**
2nd Surv. Due on: **28.12.2020**

Director:  Date: **29.01.2019**

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP
A-27H, Sector-16, Noida-201301, U.P., India
www.qfsmgmt.com
email: info@qfsmgmt.com
This Certificate remains the property of QFS



Certificate of Registration
(Occupational Health & Safety Management System)
QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Occupational Health & Safety Management System of
ASHTECH BUILDPRO INDIA PVT. LTD.
KHARSA NO. 48-49, MG ROAD, OPPOSITE COCA COLA PLANT, VILLAGE DEHRA,
TEHSIL-DHAULANA, DISTT:- HAPUR, U.P. (INDIA)

is in accordance with the requirement of the Management System Standard detailed below
OHSAS 18001:2007

This certificate is valid for the following product or service range
**MANUFACTURING OF AERATED AUTOCLAVED CONCRETE (AAC) MODCRETE
BLOCKS & FLY-ASH PRODUCTS.**

Certificate Number: **IS/1901AH/694**
Initial Date of Certification: **29.01.2019**
Date of Certificate: **29.01.2019**
Date of Expiry: **28.01.2022**

1st Surv. Due on: **28.12.2019**
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email: info@qfsmgmt.com
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Certificate of Registration
(Environmental Management System)
QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Environmental Management System of
ASHTECH BUILDPRO INDIA PVT. LTD.
KHARSA NO. 48-49, MG ROAD, OPPOSITE COCA COLA PLANT, VILLAGE DEHRA,
TEHSIL-DHAULANA, DISTT:- HAPUR, U.P. (INDIA)

is in accordance with the requirement of the Management System Standard detailed below
ISO 14001:2015

This certificate is valid for the following product or service range
**MANUFACTURING OF AERATED AUTOCLAVED CONCRETE (AAC) MODCRETE
BLOCKS & FLY-ASH PRODUCTS.**

Certificate Number: **IS/1901AG/693**
Initial Date of Certification: **29.01.2019**
Date of Certificate: **29.01.2019**
Date of Expiry: **28.01.2022**

1st Surv. Due on: **28.12.2019**
2nd Surv. Due on: **28.12.2020**

Director:  Date: **29.01.2019**

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QFS MANAGEMENT SYSTEMS LLP
A-27H, Sector-16, Noida-201301, U.P., India
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SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH
(A unit of Shriram Scientific and Industrial Research Foundation)
18, University Road, Delhi - 110087 (India)
An ISO - 9001, 14001 & 28000 ISO: Certified Institute
Website: www.shriraminstitute.org
E-mail id: customerservice@shriraminstitute.org

TEST CERTIFICATE NO: C-10000100308

Client To: **Team Lead - (ASHTECH BUILDPRO INDIA PVT LTD)**
ADDRESS: NO. 48-49, MG ROAD, OPPOSITE COCA COLA PLANT, VILLAGE DEHRA, TEHSIL-DHAULANA, DISTT:- HAPUR, U.P. (INDIA)
CLIENT'S NAME: **ASHTECH BUILDPRO INDIA PVT LTD**
CLIENT'S ADDRESS: **KHARSA NO. 48-49, MG ROAD, OPPOSITE COCA COLA PLANT, VILLAGE DEHRA, TEHSIL-DHAULANA, DISTT:- HAPUR, U.P. (INDIA)**
CLIENT'S PHONE: **9811111111**
CLIENT'S FAX: **9811111111**
CLIENT'S E-MAIL: **info@ashtechindia.com**

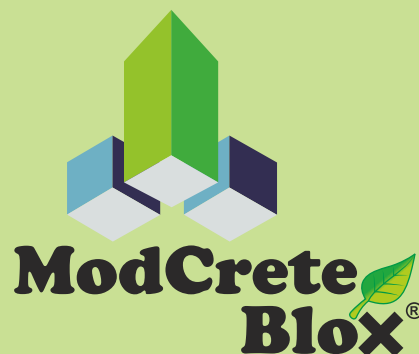
Sample Description: **ONE SAMPLE DESCRIBED AS AERATED AUTOCLAVED CONCRETE BLOCKS (AAC) (BRAND NAME - MODCRETE WITH ISO MARKS, SIZE: 425*240*130) WAS RECEIVED.**
(The sampling was carried out by Shriram Institute for Industrial Research. The sample pictures are provided in certificate as evidence for the purpose.)

S.No.	Name of Parameter	Observed Value	Requirement (IS: 2800 (Part 1): 1984, IS: 14001 (Clause 7))	Conformity	Remark
1	Block Density (Dry), Kg/m ³	428	551-638	Yes	IS: 2800 (Part 1): 1984, IS: 14001
2	Compressive Strength, N/mm ²	4.4	4.2 Min.	Yes	IS: 2800 (Part 1): 1984, IS: 14001
3	Drying Shrinkage, %	0.02	0.05 Max.	Yes	IS: 2800 (Part 1): 1984, IS: 14001
4	Dimension, mm				
	Length	424	425 ± 3	Yes	IS: 2800 (Part 1): 1984, IS: 14001
	Height	240	240 ± 3	Yes	
	Width	132	130 ± 3	Yes	

D.O.B. - 01.01.2019
I/C.C. - 01.01.2019

Authorized Signatory
EMPLOYEE CODE: 10000100308

Phone: 91-11-27670001, 27670002, 27670003, 27670004
Fax: 91-11-27670005, 27670006
(See contract for terms & conditions)



Manufacturers of AAC Blocks, Ready made AAC Mortar and Ready made Plaster

**ISO 9001:2015
ISO 14001: 2015
OHSAS 18001:2007**



**MEMBER OF INDIAN
GREEN BUILDING COUNCIL (IGBC)**



**MEMBER OF GRIHA
Green Rating for Integrated Habitat Assessment**



**FOUNDING MEMBER OF
'RESPECT THE NATURE SOCIETY'**

ASHTECH BUILDPRO INDIA PVT LTD

Works: "ModCrete Complex", Khasra 48-49, MG Road Industrial Area, Village Dehra, Tehsil Dhaulana, NTPC Road, Distt. Hapur, UP - 245301 | E mail: info@ashtechbuildpro.com, modcreteblox@gmail.com | Website: www.modcreteblox.com www.ashtechbuildpro.com | 07088108005/06/28/34/35/37/38/39/46/48/49/50

Registered Office: D-49, Mansarovar Park, Shahdara, Delhi -110032, India
Sales Office Address: 525, 5th Floor, Wave Silver Tower, Sector 18, Noida.