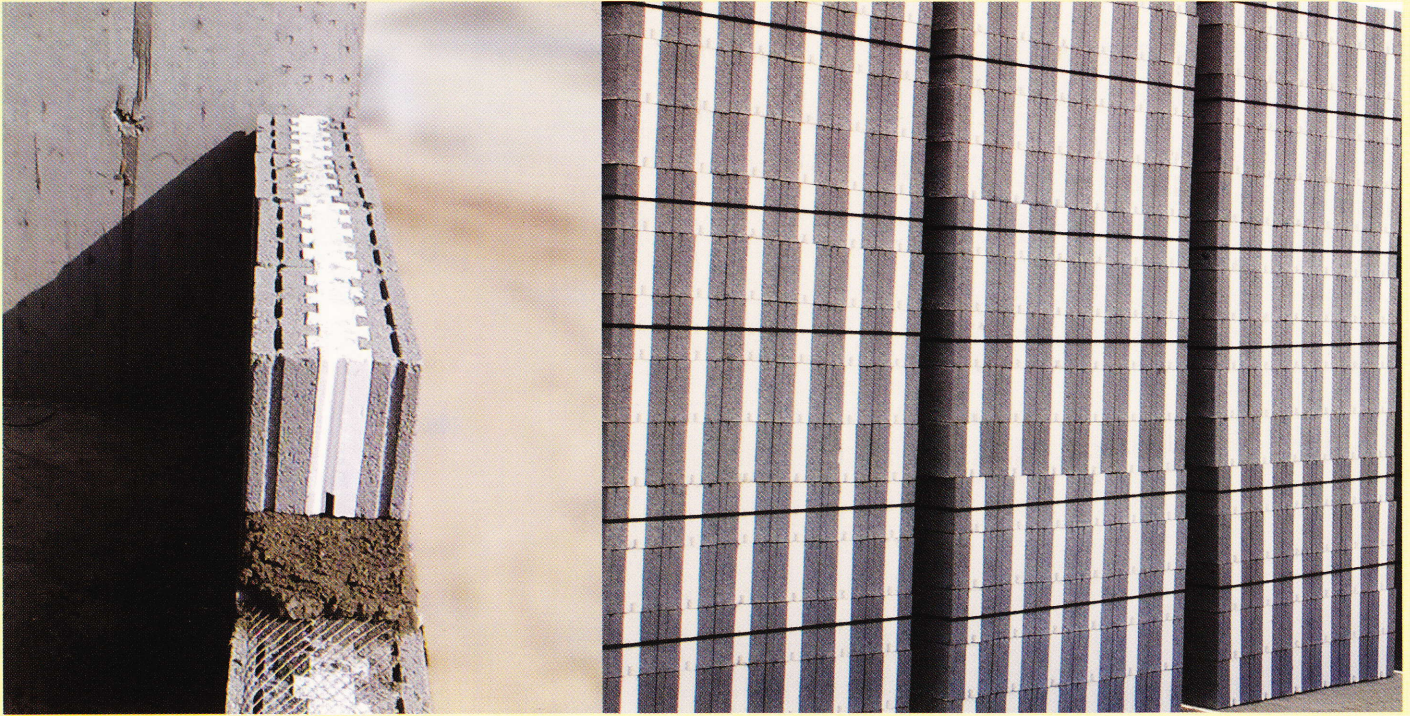


THERMO BLOCK

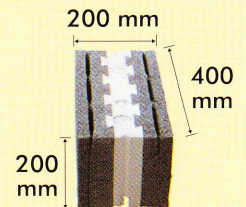


In today's world, energy conservation has become an economic necessity and conservation of energy is being looked at very closely, even in oil producing countries. As part of Assarain's endeavour to provide an economic solution, Modern Concrete Products LLC (MCP) has come up with its most innovative product viz. Assarain Thermo Block by using extra high density polystyrene inserts supplied by various vendors in the Middle East. Assarain realizes that thermal insulation in buildings is one of the most important and effective methods of fighting energy wastage and hence, it has come up with its polystyrene sandwich blocks which are known as Assarain Thermo Blocks.

In the areas of extreme climatic conditions such as GCC countries, this is particularly important as energy requirements for AC, etc. are extremely high. Polystyrene insulation not only provides energy cost savings, but also capital savings as it would require small capacity AC units to provide the same cooling effect required.

High insulation standards of Assarain Thermo Blocks also provides greater comfort to the occupants as well as increases the overall value of the building. Assarain Thermo Block comes with polystyrene core of the sandwich block which has the same length and height of the overall concrete dimension and the polystyrene core thickness is not less than 60 mm.

Dimensions in mm		
Length	Breadth	Thickness
400	200	200



The polystyrene cores used by Assarain are characterized by the "dovetail" shape and Assarain essentially uses an average pattern density of the polystyrene cores of not less than 25 kg/m³. The overall size dimensions of the sandwich thermo blocks are 400 x 200 x 200 mm (length/height/thickness in mm). The minimum compressive strength of the Assarain Thermo Blocks has an average of 7.5 N/mm².

MCP also provides detailed material data sheet for its high quality thermo blocks.

Last but not the least, characteristics to Assarain's quality and back up, Assarain Thermo Blocks come with high dimensional accuracy, perfect line and level of polystyrene inserts and good cohesiveness when joined with sand and cement mortar. Many clients who have used Assarain Thermo Blocks have time and again repeated because of consistent supplies of 'fault free' blocks.



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