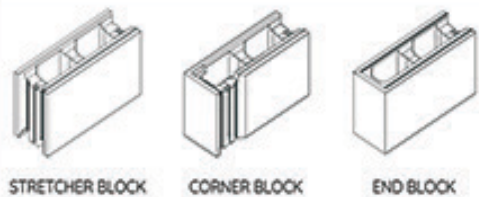
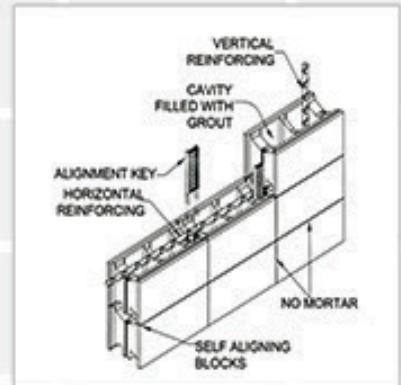




De La Salle University International Dormitory Biñan, Laguna by Arthaland Corp.

THE SMART MASONRY™ BUILDING SYSTEM is a smarter, more cost effective method of wall construction which eliminates the use of mortar by using a dry stacked, steel reinforced and core-filled system.



When building a structure; the use of superior materials makes all the difference. There are 3 block designs, each with a specific function that basically self-locate and self-align thanks to our patented Smart Masonry Alignment key and the top and bottom grooves designed on our blocks.



This ensures that the finished surface is smooth, water resistant, with high acoustic and fire rating, termite barrier and earthquake resistant.



Grooves on the top and bottom of the blocks ensure precise horizontal alignment.



Our patented alignment key made out of 100% recycled plastic ensures accurate vertical alignment.



Every 3-4 rows, flowable concrete grout is poured into the block cavities. A Smart Wall then becomes reinforced and load bearing.

The Smart Blocks also boast of superior strength of anywhere from 550 PSI up to 3,000 PSI which is far superior than the traditional concrete hollow block. The Smart Masonry Building System is an award winning Australian technology developed in 1990.

THE SMART MASONRY™ PLANT IN ANGELES CITY, PAMPANGA.



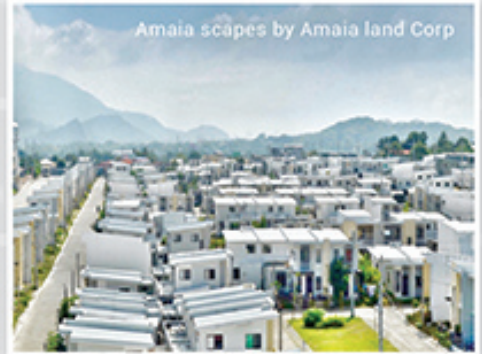
BENEFITS

- Can act as a shear wall & possibly eliminating columns & beams after value engineering
- Compliant to the National Structural Code of the Philippines (can be designed to withstand up to Magnitude 8.0)
- no row by row mortar (on bed joint)
- no plain cement plaster
- superior strength
- flexibility and ease of construction
- special skilled mason not necessary

Diamond Heights by GCW9 Land inc and Wee Community Inc.



Amaia scapes by Amaia land Corp



Gran Avilla by Stateland

Only requires a minimum 10mm thick render finish to prevent cracking and de-bonding.



Amaia scapes by Amaia Land Corp



COMPARISON

- faster construction
- construction continuity even in wet weather
- fire and sound ratings which satisfies higher standard required by BCA (csrio tested)
- overall lower cost
- durability against environment degradation strength in cyclonic conditions



smart masonry



conventional

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