WP WEST POINT
SINCE 1994
INDUSTRIAL SALES CO., INC.

CHANG KAEW
ช้างแก้ว
CHANG KAEW
GLASS BLOCKS

ช้างแก้ว
CHANG KAEW
Made in Thailand

Glass Block

By Chang Kaew

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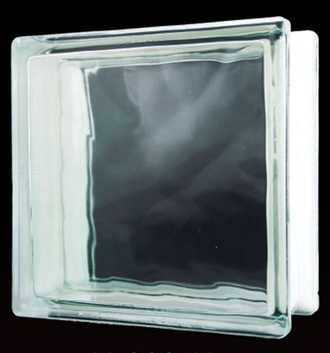
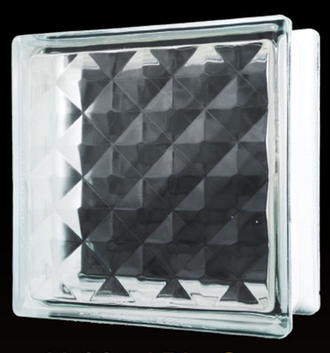
GLASS BLOCKS

Chang Kaew

190x190x80 mm.

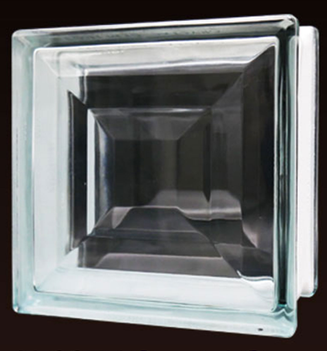
N-001 / Small Square


N-003 / Ice

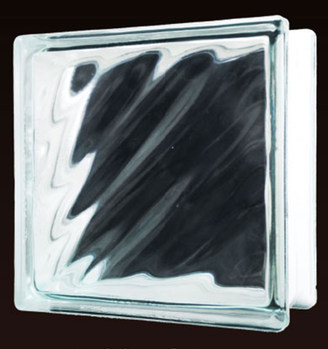

N-004 / Big Gem

N-005 / Fine Gem

N-006 / Fortune

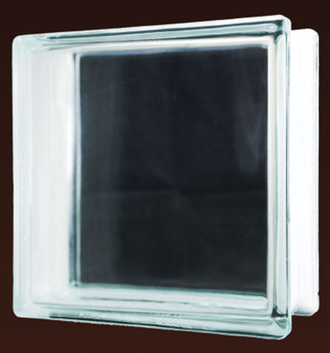

N-007 / Crystal Gem

N-008 / Bubble


N-09 / Ocean

N-011 / Lotus

N-013 / Ocean Wave


N-014 / Clear

N-016 / Flemish

N-017 / Tangerine

N-019 / Brick Gem

N-021 / Sky

N-022 / Snowy Gem

C-001 / Aerial

C-002 / Ferris Wheel

C-004 / Rattan

P-002 / Moon Diamond

N-043 / Circle Gem

N-044 / Twinkle Star

N-045 / Octa Gem

N-014 / Clear Half

N-016 / Flemish Half

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GLASS BLOCKS

Unique Glass Block's Technical Specifications

Light Transmission;

CK Glass block is classfied as an architectural light-transmitting construction material, which directly helped to reduce your energy cost; aligning to National Policy of Energy Conservation. The transmitted values of light are differed among variety reinvented shapes, pattern and colored types of glass blocks so you can easily manipulate your tender flow of light changing from darkest places into brightness. for examples, the transmitted value of light for transparent glass is approximately at 75% and for non-transparent glass is approximately at 50-70%.

Compressive Strength;

CK glass block is solid and sturdy of glass constructed material offering with extra-curricular thickness, which is specially designed to absorb higher compressive value and withstand better against any attack such as wind. The compressive value for CK is at 7 MPa. (71.4ksc.). which is approximately 2.5 times higher compressive value comparing to Terra Cotta brick.

Thermal Insulation;

CK glass block is certified to obtain sufficient internal strength according to the International Industrial Standards.
Internal strength can be measured with a Thermal- shock test, For specimen example. dipping CK glass block to saturate in hot water for approximately 12 minutes and then suddenly removing CK glass block to saturate in cold water at temperature different of about 25 C for approximately 1 minute - the result is found to have no crack, no condensation and still maintaining original status of its compressive strength.

Light Weight;

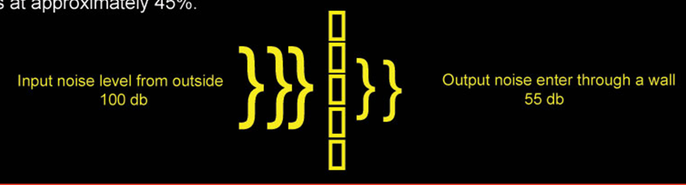
CK glass block has an average weight of approximately 60-80 Kg/Sqm., which is weighted less when comparing to other similar durability types of construction materials such as constructed brick wall, etc.

Easy to Clean and Maintenace;

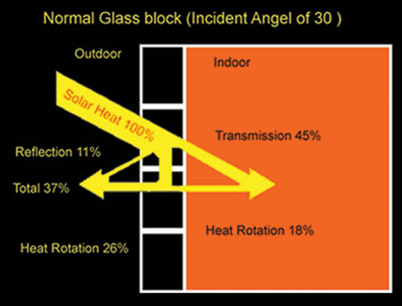
CK glass block is extremly easy to clean by just wiping off dirt and dust on the surface appearance with eithers cleaning liquid or simply water. Complementarily, this is resulted in low maintaining costs when comparing to other types of construction materials. CK glass block also does not need to be re-painted and/or re-built after periods of usage time.

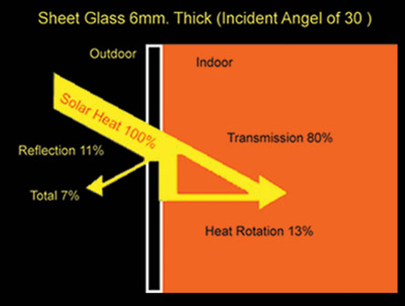
Noises Resistance;

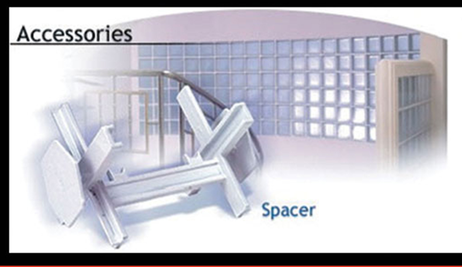
Extraction from manufacturing processes, each finishing product of CK glass block is derived from the 2 reivented forming halves of molten glasses being seal together at a high temperature. When cooling down, inside CK glass block will contain
The norm value of noise resistance is at approximately 45%.



Ultra heat from sunlight is often the key problem when adjusting appropriate internal room temperatures especially for those in hot and humid countries. Although, CK glass block is classified as light-transmitting construction material, however, it is also classified a heat insulator due to near-vaccum status of pressure glass block and itself also does not absorb heat, which is differ from other types of construction material such as Terra Cotta brick.







Spacer

Spacer is an accessory which can effectively help you to install and construct glass blocks wall for better accuracy and create evenly spaces between each joints both vertically and horizontally; keeping the alignment of beauty onto your walls. It is a pre-cast plastic material specially designed to fit for uses of 190x190x80 mm. and 190x190x100 mm. glass blocks.