

How do you uniquely
let natural light in?



GLASS BLOCK
TECHNOLOGIES INTERNATIONAL



By Installing a Glass Block Floor or Ceiling

Glass Blocks have become an important component in modern day architecture. They offer sound proofing, thermal insulation and security while allowing natural light to enhance the interior.

The patented Ezylay Paving System lets you create a spectacular design allowing natural light into unavoidable dark areas. With the Ezylay Glass Block Paving System you can install glass blocks in floors and ceilings that not only have an unrivalled visual impact but is also uniquely trafficable and fire rated if required.



Why you should use the Ezylay Paving System?

- ❖ For a trafficable area that is not only structural, but lets natural light filter through to the floor below whilst providing sound and thermal insulation, there is no alternative.
- ❖ When conforming to Australian Standard Fire Rating Levels (FRL) for Structural Adequacy/Integrity/Insulation, without compromising light and style, you can achieve FRL 60/60/30, FRL 60/60/60 and FRL 120/120/90 with the appropriate glass block pavers and the Ezylay Insulating Paving Concrete. All GBTI distributors are able to confidently issue Conformity Certificates.
- ❖ When you want adequate strength and a smooth finish to the underside of the panels with no unsightly water, air or worm holes, then you can achieve this with the specifically developed premixed Ezylay Paving Concrete and Ezylay Insulating Paving Concrete.
- ❖ When you want the top of the panels to have non-slip joints and a beautiful finish, the unique Ezylay Topping Mix can provide this.
- ❖ When you want large panels that have uniformity and accessibility, then you can construct a large panel in one piece on site.
- ❖ When you want small panels delivered to site, you can construct them in your warehouse (prefabricated). Smaller panels can be joined together to make a larger panel.
- ❖ When you want something that's affordable that does not sacrifice style or quality, you can not bypass the Ezylay Paving System. Costs are reduced significantly as materials have been developed specifically for installing glass block paving.





LIGHT



SOUND PROOFING



THERMAL INSULATION



TRAFFICABLE



FIRE RATED



Areas where Glass Block Paving Should be used?

Anywhere – Your Imagination
is the only limitation.

- ❖ Skylights
- ❖ Bridges and walkways
- ❖ Multistorey atriums
- ❖ Basements
- ❖ Garages
- ❖ Stairway treads
- ❖ Balconies
- ❖ Over Indoor Pools
- ❖ Around Pools and Spas
- ❖ Lighting Driveways
and Walkways



Paving Development

GBTI developed, patented and design registered the unique Ezylay Paving System because of the increased demand for an easier and more affordable way to install glass blocks in floors and ceilings.

GBTI have Ezylay Paving Moulds that lock together and screw into place on formwork. The moulds have a recess for the Ezylay Paving Gasket that keeps the glass block pavers in place while the specialised Ezylay Paving Concrete is poured. The Ezylay Paving System is unique in design as it allows the Ezylay Paving Moulds, Ezylay Paving Gaskets and formwork to be dismantled leaving the underside of the panels with a smooth, neat finish that does not require cleaning, trowelling or painting.



What Next

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