

GALAXY CONCRETE TRANSLUCENT WALL



TRANSLUCENT CONCRETE



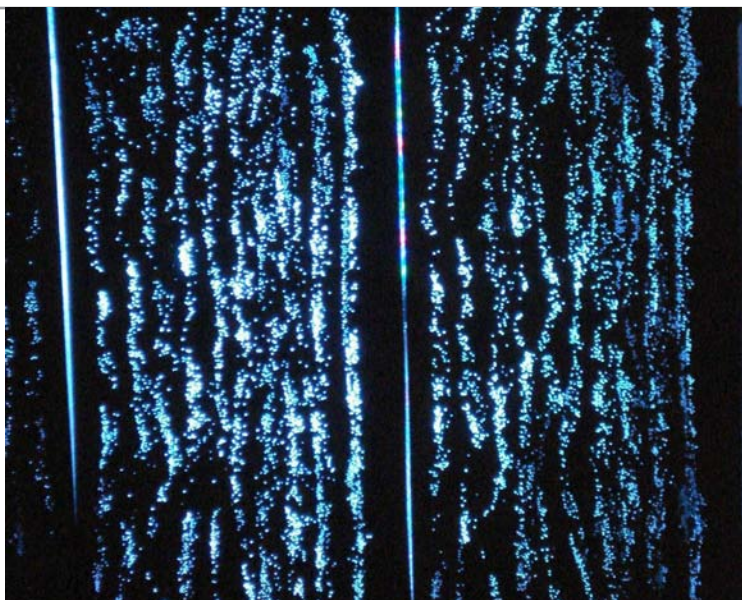
Translucent concrete is produced out of fine-grain concrete and translucent fabric which is layer cast in pre-fabricated moulds. Because of relatively small amount of fabric, solidity and consistency of transparent concrete are the same as by the high-strength concretes.

Almost loss-free light penetration through optic fibres makes it possible to see light, shadows and even colours through concrete even by very thick walls.

It can be produced as prefabricated building blocks and panels. Due to the small size of the fibres, they blend into concrete becoming a component of the material like small pieces of aggregate. In this manner, the result is not only two materials – glass in concrete – mixed, but a third, new material, which is homogeneous in its inner structure and on its main surfaces as well. The glass fibres lead light by points between the two sides of the blocks. Because of their parallel position, the light-information on the brighter side of such a wall appears unchanged on the darker side. The most interesting form of this phenomenon is probably the sharp display of shadows on the opposing side of the wall. Moreover, the colour of the light also remains the same.



GALAXY CONCRETE TRANSLUCENT PANEL



TRANSLUCENT CONCRETE PANELS

Formats: 24" X 12"
16" X 8"
12" X 12"
CUSTOM

Thickness: 1 inch / 2 inches / custom

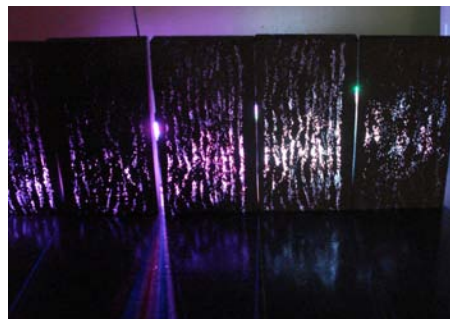
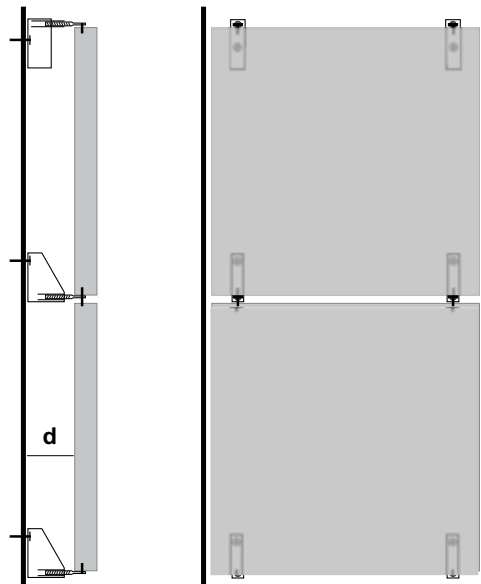
Colours: White, Grey, Black

Properties: Density: app. 2300 kg/m³

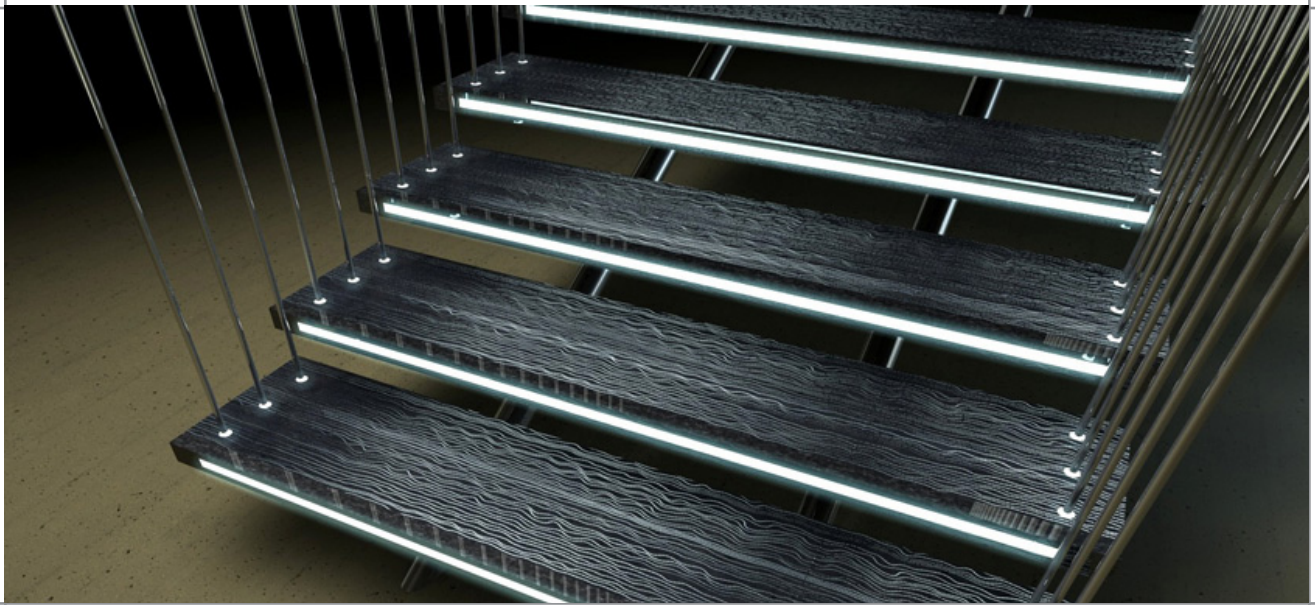
Bending strength: > 4 N/mm²

Surface: View sides fine grinded and impregnated, edges chamfered.

Installation: Wall installation with wall anchors on load bearing walls or on supporting construction.
Floor installation on any sufficient bearing substructure. Freestanding placement with selfsupporting frame construction.

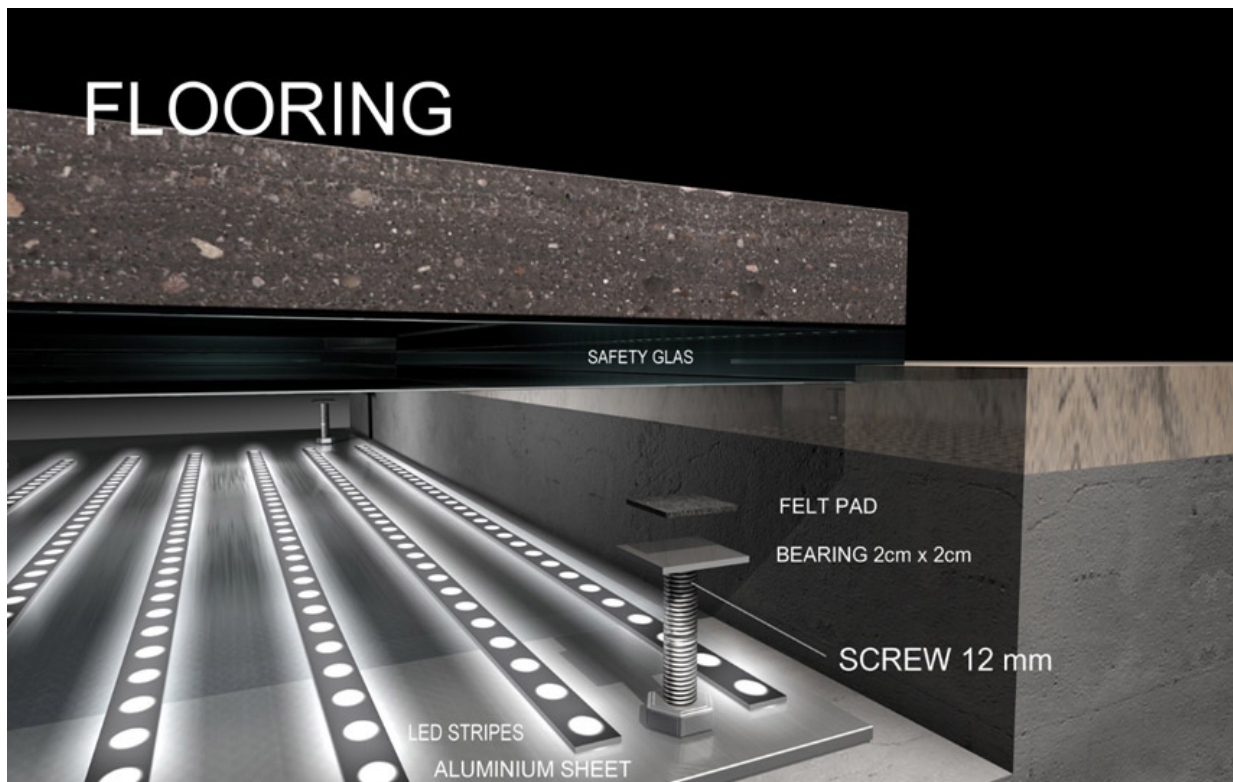


GALAXY CONCRETE TRANSLUCENT STAIRS



TRANSLUCENT CONCRETE

With Impact Lighting Inc's Linear LED fixtures our Galaxy Translucent Concrete product can be used in horizontal and vertical applications such as feature stairs, walls, flooring, table, and counter tops.



GALAXY TRANSLUCENT CONCRETE



UNLIMITED APPLICATIONS

Illuminate Your Walls

Galaxy Translucent Concrete can be used as building material for interior and exterior walls. If sunshine illuminates the wall structure, then eastern or western placement is recommended; the rays of the rising or setting sun will hit the optical glass fibers in a lower angle and the intensity of the light will be bigger. Besides the traditional applications of a wall, the light transmitting concrete can also be used as wall covering illuminated from the back.

Watch Your Pavement Shine at Sunset

This product can be used as flooring – a passable surface illuminated from below. During the day it looks like typical concrete pavement but at sunset the paving blocks begin to shine – and in different colors.

Get Creative with Design

The building units are versatile and can be used in many areas of design. Two successful designs using the light transmitting concrete were a jewel and a concrete bench. You can also create a logo with colorful figures, inscriptions, and pictures.

Artsy Reception Desk

If you really want to create a look that stands out you should opt for this artsy and vogue reception desk that lights up in the front and the sides.

A Lighting fixture and Conversational Piece

The Galaxy Cube is, without a doubt, a great conversation piece. Impact Lighting Inc. has built many custom cubes for commercial and residential projects and delivered them all over the world. The new cube line consists of four identical pieces of concrete and, due to its special geometry, the pieces form a stable structure without fixing them together.

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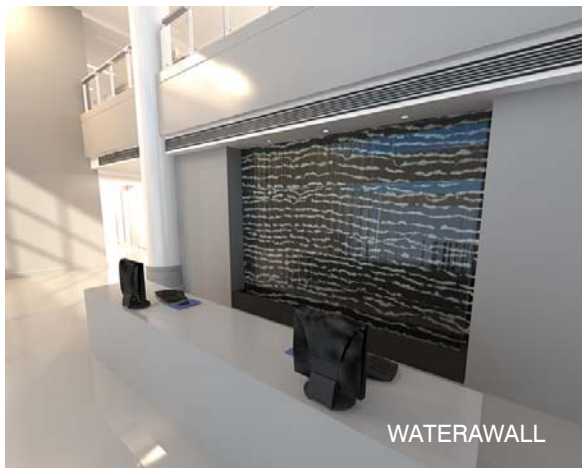
GALLERY IDEAS



WALL



TABLE CUBES



WATERWALL



COLUMNS



DECORATIVE WALL DESIGNS



BUILDINGS