

1.0 Basic description

1.7 Graphic concrete™

Technology Graphic Concrete™ is based on innovation of interior architect Samuli Naamanka. At the end of the 90th years of the last century Samuli began develop retarding and printing methods for production of drawings and designs on concrete surfaces. The inspiration was to create a real industrial product for large surfaces and tools which would get enabled architects to be visually creative. Traditional methods were based primarily on crafts and represented a small part of the art. Finally, his techniques were patented and the company Graphic ConcreteLtd. establishment in 2002.

Polycon Products offers this technology architects, they can use it for design of concrete facades and use the possibilities of prefabrication process. Industrial Architecture™ with Graphic concrete technology started in Finland and soon the first pieces were realized. The first facades used designs with simple stripes. When the architects began to understand the possibilities of this new technology, repetitive patterns began to appear more and more frequently. Repeating patterns designed by architects come under the brand GCPPro™ to distinguish them from GCCollection™. This is a separate collection of repeating patterns by Graphic Concrete.

Among the examples of design areas (where the Graphic Concrete™ technology is being used) now belongs prefabricated facades, sound barrier, the dividing wall of the building, precast concrete slab floors. The company enjoying a good growth and many of its projects are transnational in scope. Innovative technology Graphic Concrete™ is here briefly described.

The basic idea is the retarder application to the surface of a special membrane, which is subsequently applied by Polycon material. Retarders, which are printed on the membrane finish the concrete surface that the surface layer does not allow the product solidify in the form. Thus, the surface layer solidifies slowly and subsequently it can be washed out. The normal depth of pattern called fine exposure is approximately 1 mm. Architects can creatively use these very simple tools to create a variety of surfaces on the concrete choosing colored aggregates, by coloring the concrete surface layer and especially by applying suitable pattern to a concrete surface. Patterned smooth and completely exposed rougher surface constitute the final result

Production of Polycon technology Graphic Concrete™ runs in the factory. Membranes are printed by Graphic Concrete Ltd.

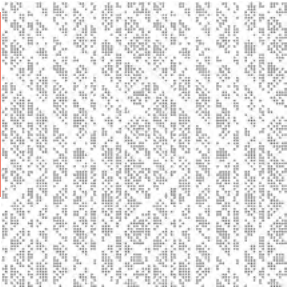
Polycon technology Graphic Concrete™ product method allows you to produce high quality molded components and panels it and offers for designers a new product range. Manufacturer of Polycon material in collaboration with Graphic Concrete Ltd. cooperates throughout whole construction process through the phases of planning, production and construction, until the final concrete surfaces are finished and they become generally known.

The presented samples and offered standard designs enable us to become a part of the local culture through architectural applications of Graphic Concrete™ technology by design of motives that come directly from the local area of your implementation

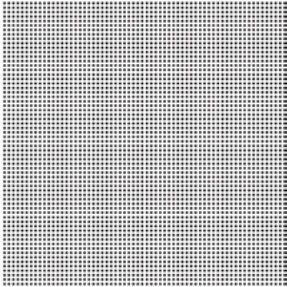
The mission of Polycon technology Graphic Concrete™ products is to be specific.

Catalog Graphic concrete™

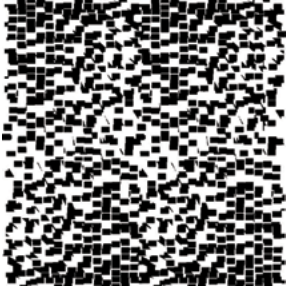
Atom Cross



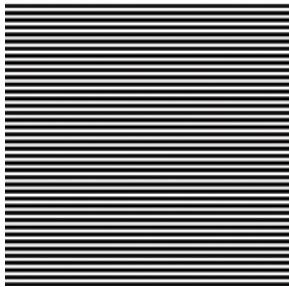
Circles



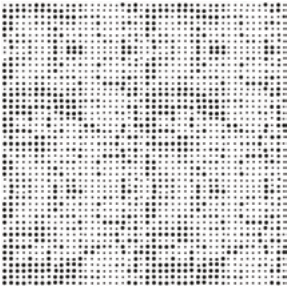
Extrude



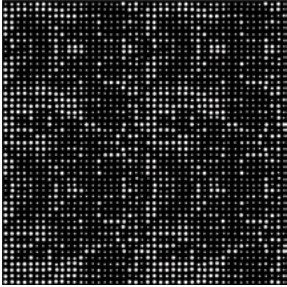
Stripes horizontal



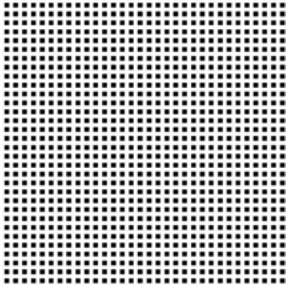
Piksel



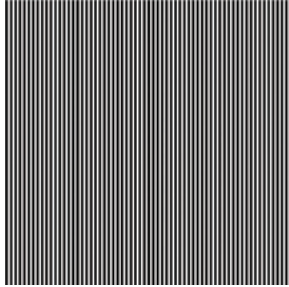
Piksel negativ



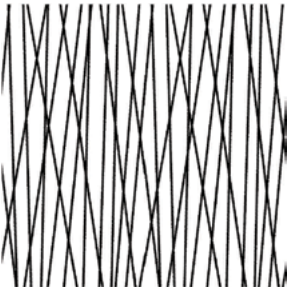
Squares



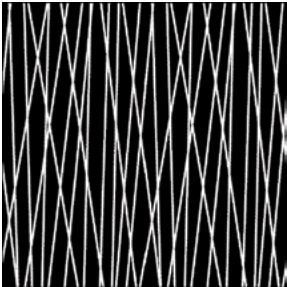
Stripes vertical



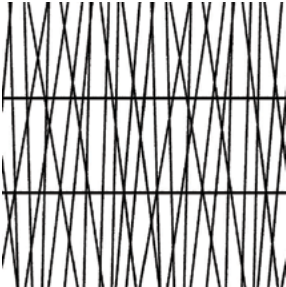
Vertex



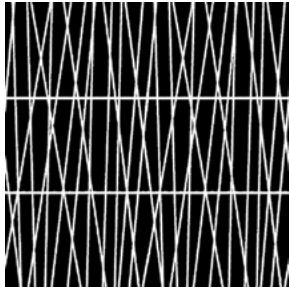
Vertex negativ



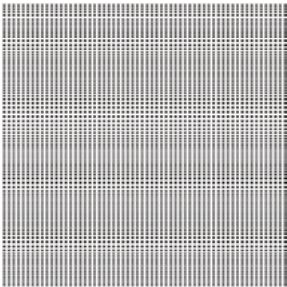
Vertices



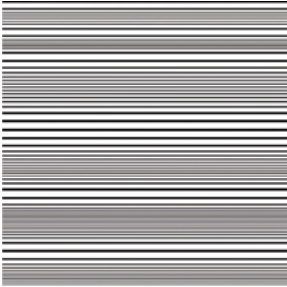
Vertices negativ



Wave Squares

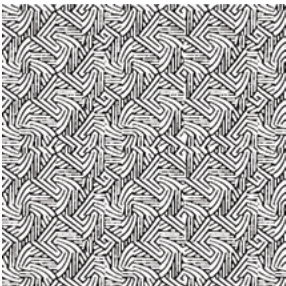


Wave Stripes



GCOrnaments

Dead End

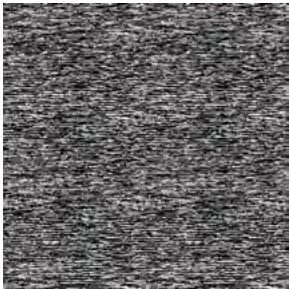


GroundSlab

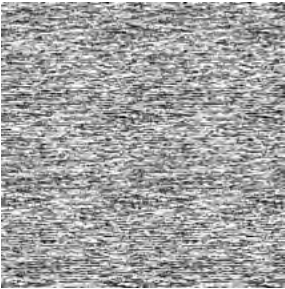


GCTexture

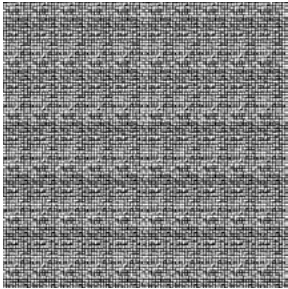
Textilia



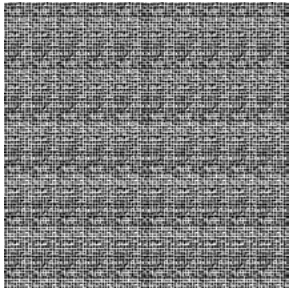
Textilia negativ



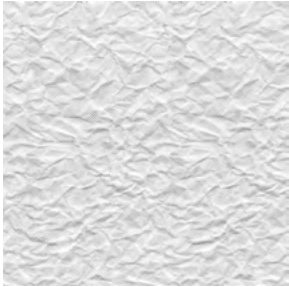
Turtle



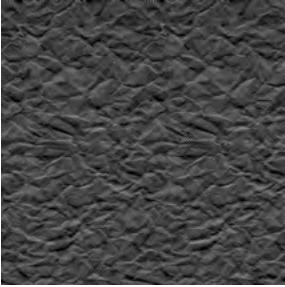
Turtle negativ



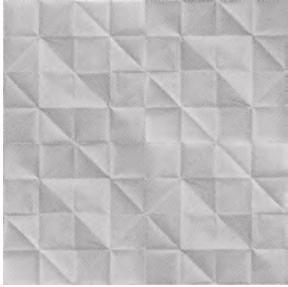
Wrinkle



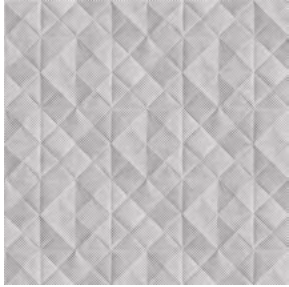
Wrinkle negativ



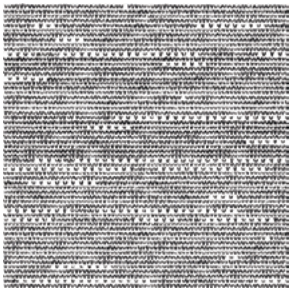
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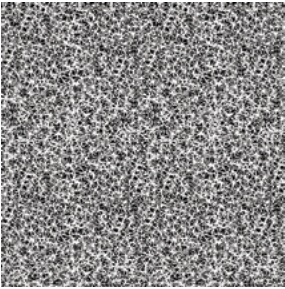
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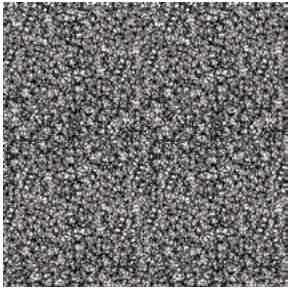
Knit



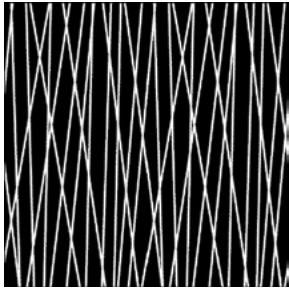
Stars



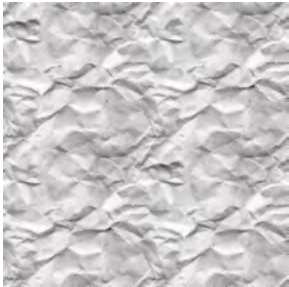
Stars negativ



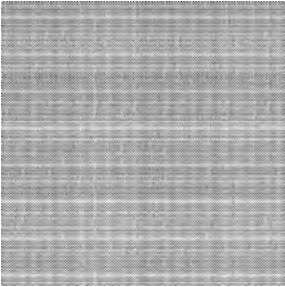
Vertex negativ



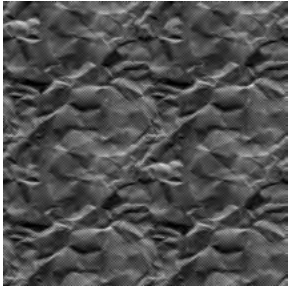
Wave Squares



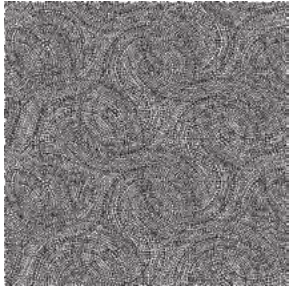
Wave Stripes



Crumple negativ

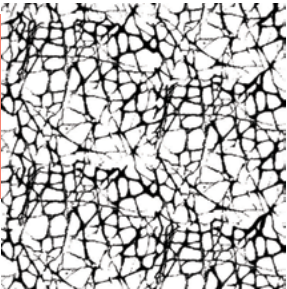


Sketchbook

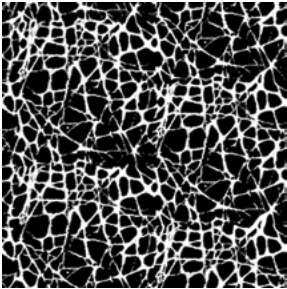


GCNature

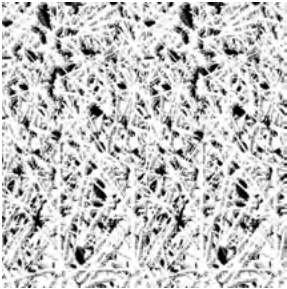
Juniper



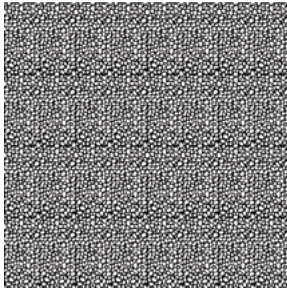
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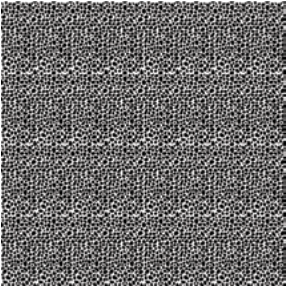
Haystack



Pebbles 25



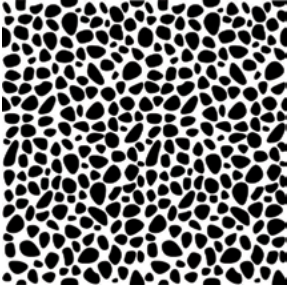
Pebbles 25 negativ



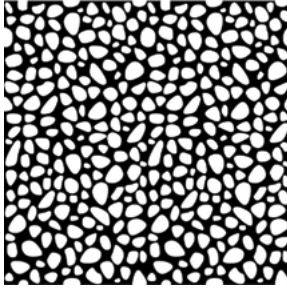
Piksel negativ



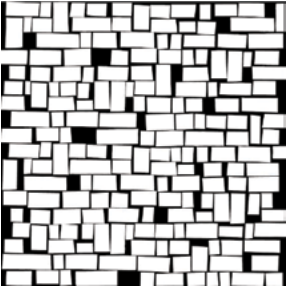
Pebbles 100 negativ



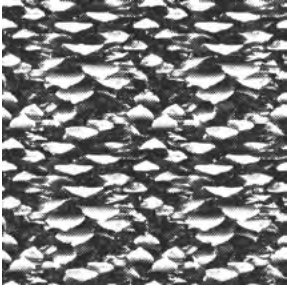
Pebbles 100



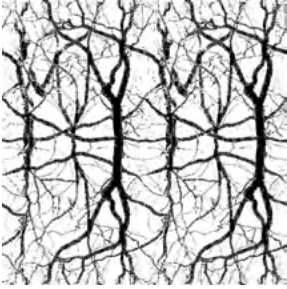
Irolro negativ



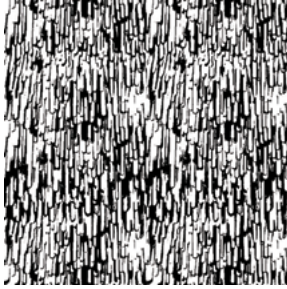
Cone



Roots



Drip down



Birch



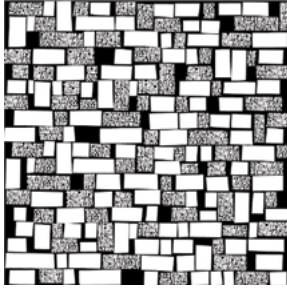
Drip down negativ



Irony



Irony negativ



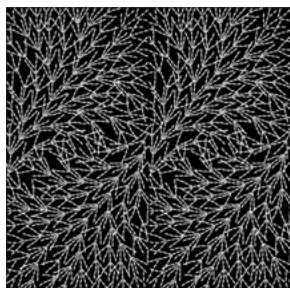
Birch+tailpiece

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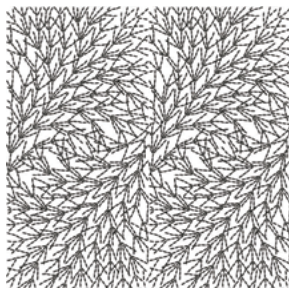
1.7 Graphic concrete™ Catalog of membranes

GCFlow

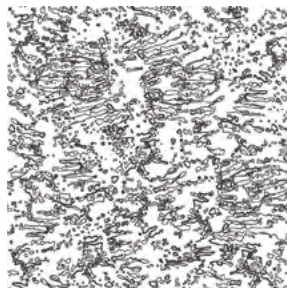
Swarm negativ



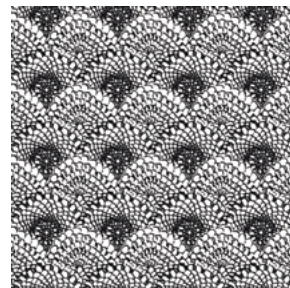
Swarm



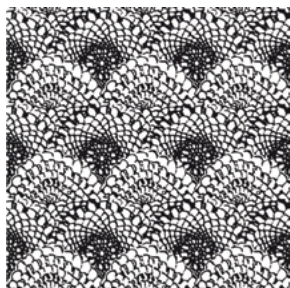
Shoreline



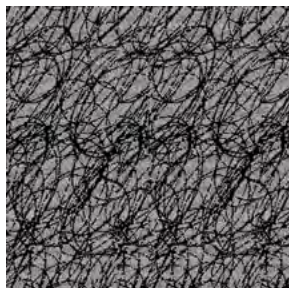
Nostalgia medium



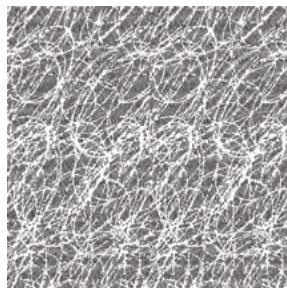
Nostalgia



Mosaic Ellipse negativ



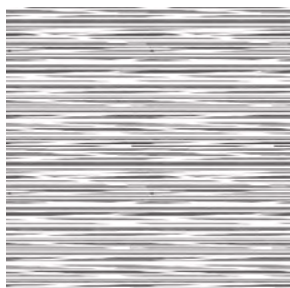
Mosaic Ellipse



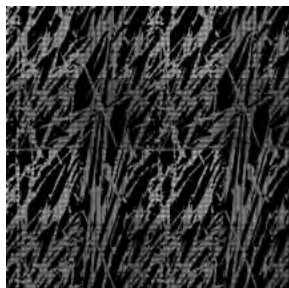
Ikat negativ



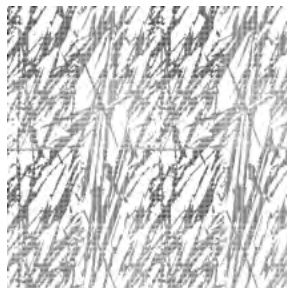
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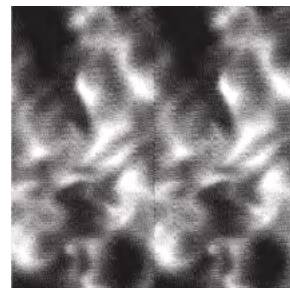
Grass negativ



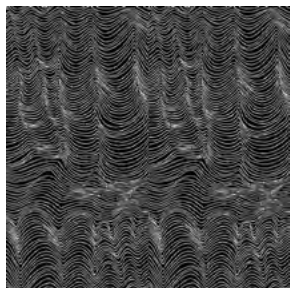
Grass



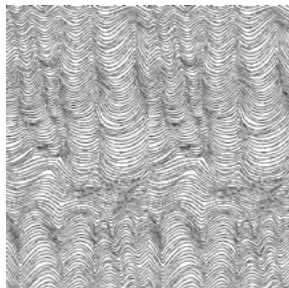
Flame



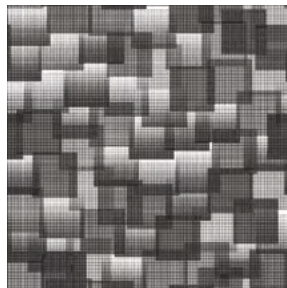
Contour Line negativ



Contour Line

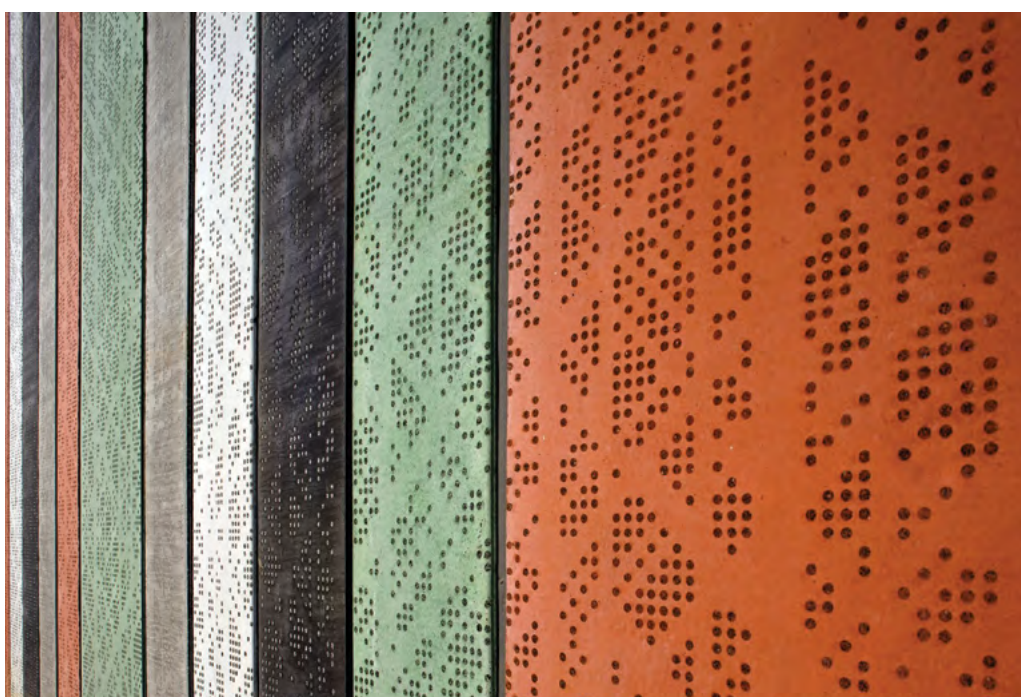


Caleidoscope



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1.7 Graphic concrete™
Catalog of membranes



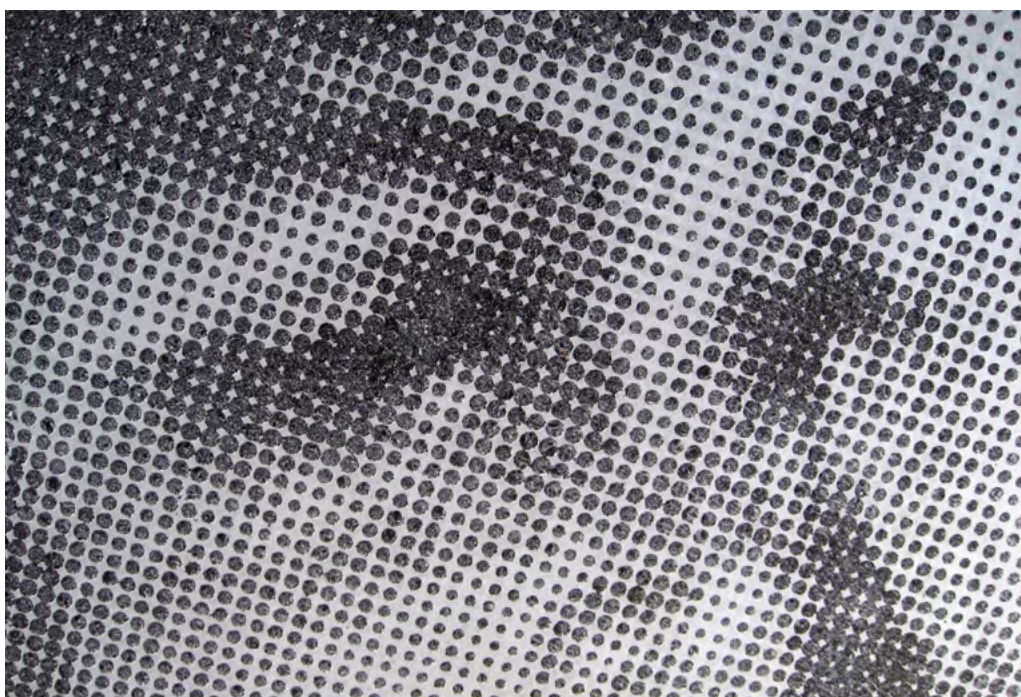
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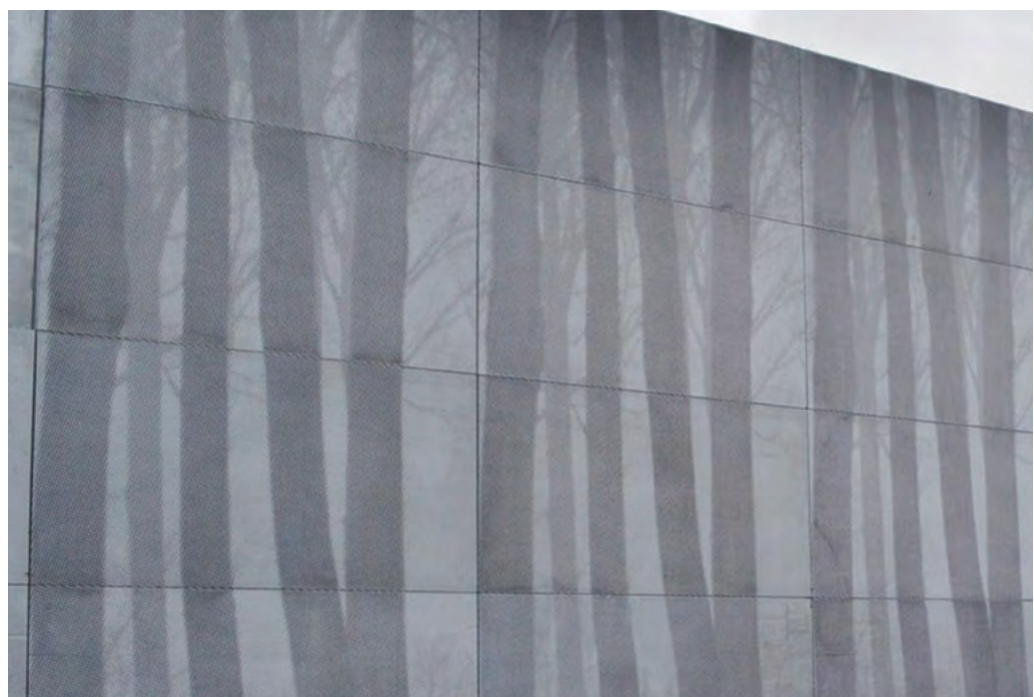


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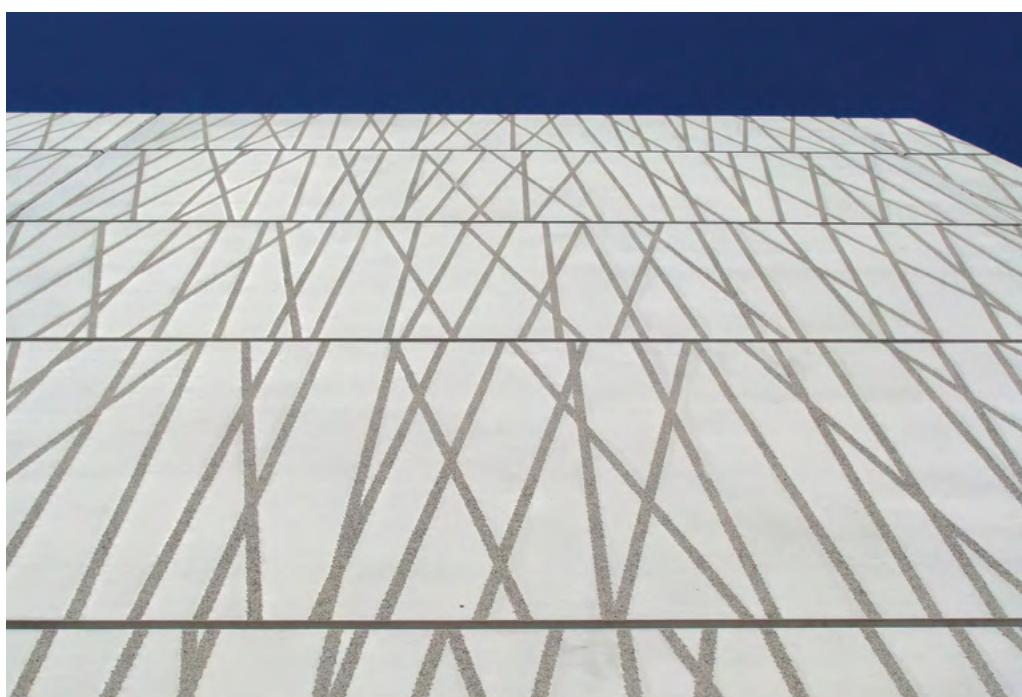


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