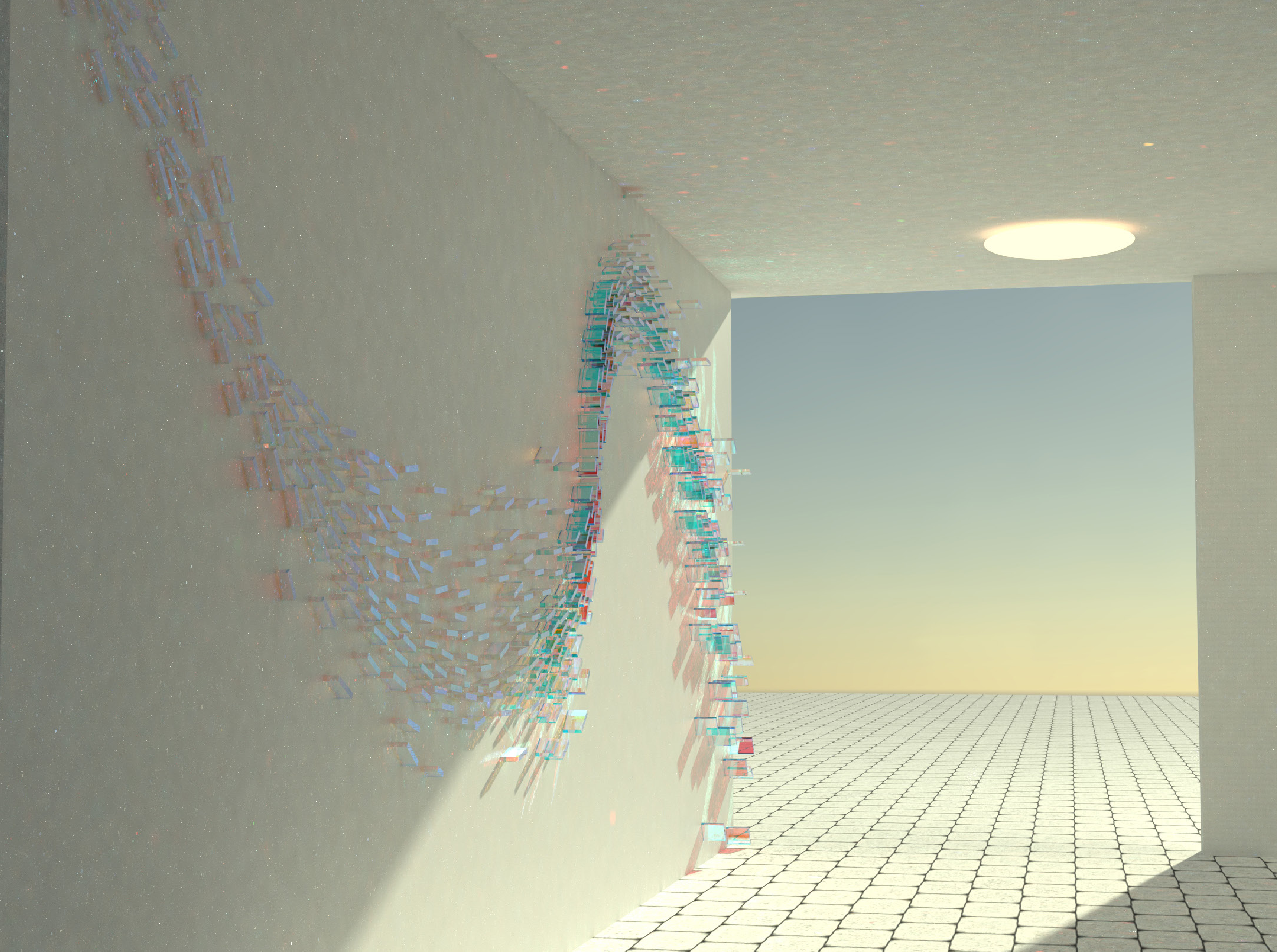


/MURMUR/

CONCEPT I

by Catrinel Sabaciag



CONCEPT

With the installation "Mur-Mur" we want to transform the entrance area of the building on Calea Dumbrăvii no. 71 from a crossing point into a destination in itself.

The destination marks the route of the inhabitants and visitors of the building. The installation is made of dichroic plexiglass pieces arranged in an organic pattern, inspired by the flight of birds in flocks.

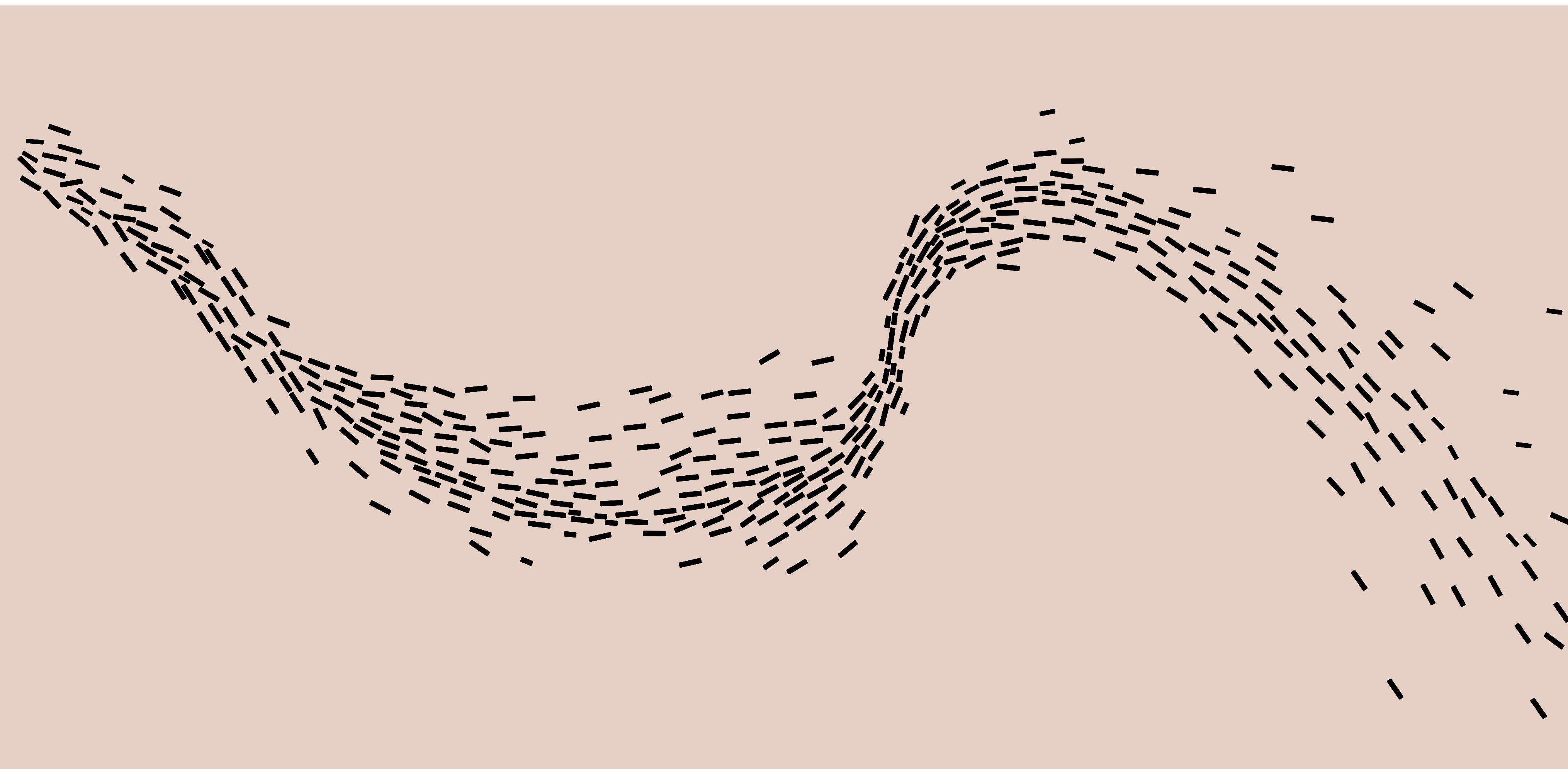
The pieces are fixed in 150 cm/300 cm wooden panels. They are thus easy to install on the wall.

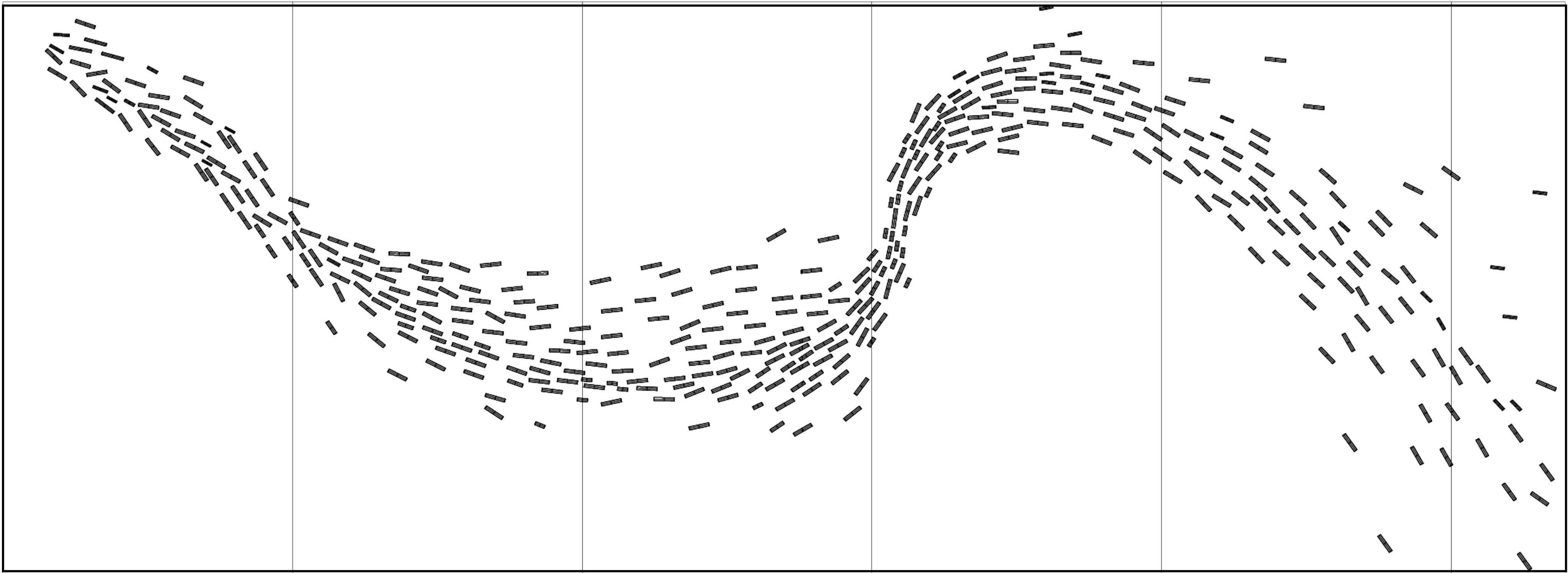
The dynamic and fluid nature of the installation invites and guides the viewer into the building. Through the composition of dichroic plexiglass, depending on the angle from which it is viewed, the work creates a whole spectrum of light, reflections and shadows. Placed in this setting, the installation reinvents the space and creates a particular contrast between the environments, between the geometric architecture of the building that frames it and the eclectic interior, which combines a play of radiant rays and colours. For this reason, the entrance to the building is the ideal space for viewing and experiencing this effect, with the public forced to move to fulfil the functionality of the work. This creates a visually heterogeneous environment in which the viewer becomes a co-creator of the work. At every step, the material generates effects triggered by the movement of the sun that cause recurrent and unpredictable changes of light and colour. This play of light and colour creates a pre-home experience for the inhabitants of the building.

MURMURations

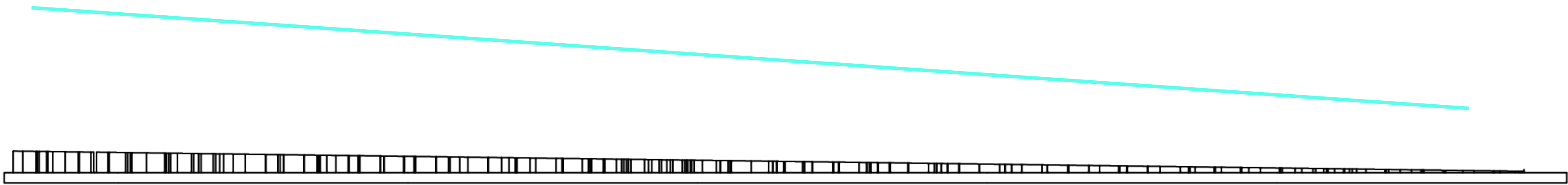
The organic distribution of the pieces is inspired by murmuration. It refers to the flock organisation of migratory birds. Scientists believe that this type of flight is similar to other systems, such as crystal formation, avalanches, metal magnetization, etc.

In such a flight there is no one bird directing the flight, but they fly in unison, protecting the group. Like birds, humans find security within groups. I felt that the building, a symbol of the union of individuals, lends itself to being brought to life by an installation that speaks of the fragile relationship between the individual and the group.





Front view

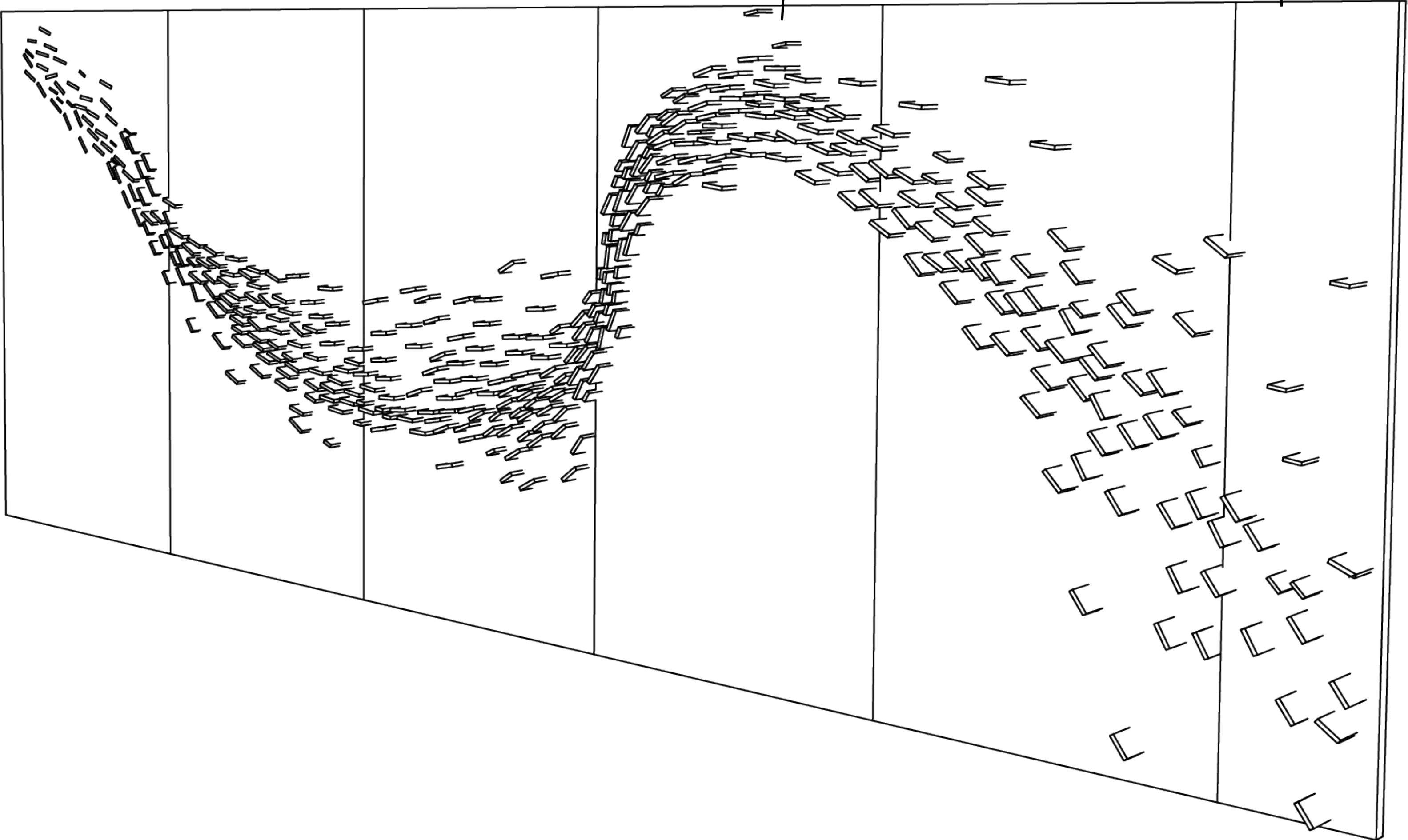


View from above

the height of the plexiglass rectangles increases from the entrance of the gang to the exit giving a dynamic touch to the installation and marking the route of the visitors

dichroic plexiglass clamping panel
dimensions 1 panel: 150 cm w / 300 cm h

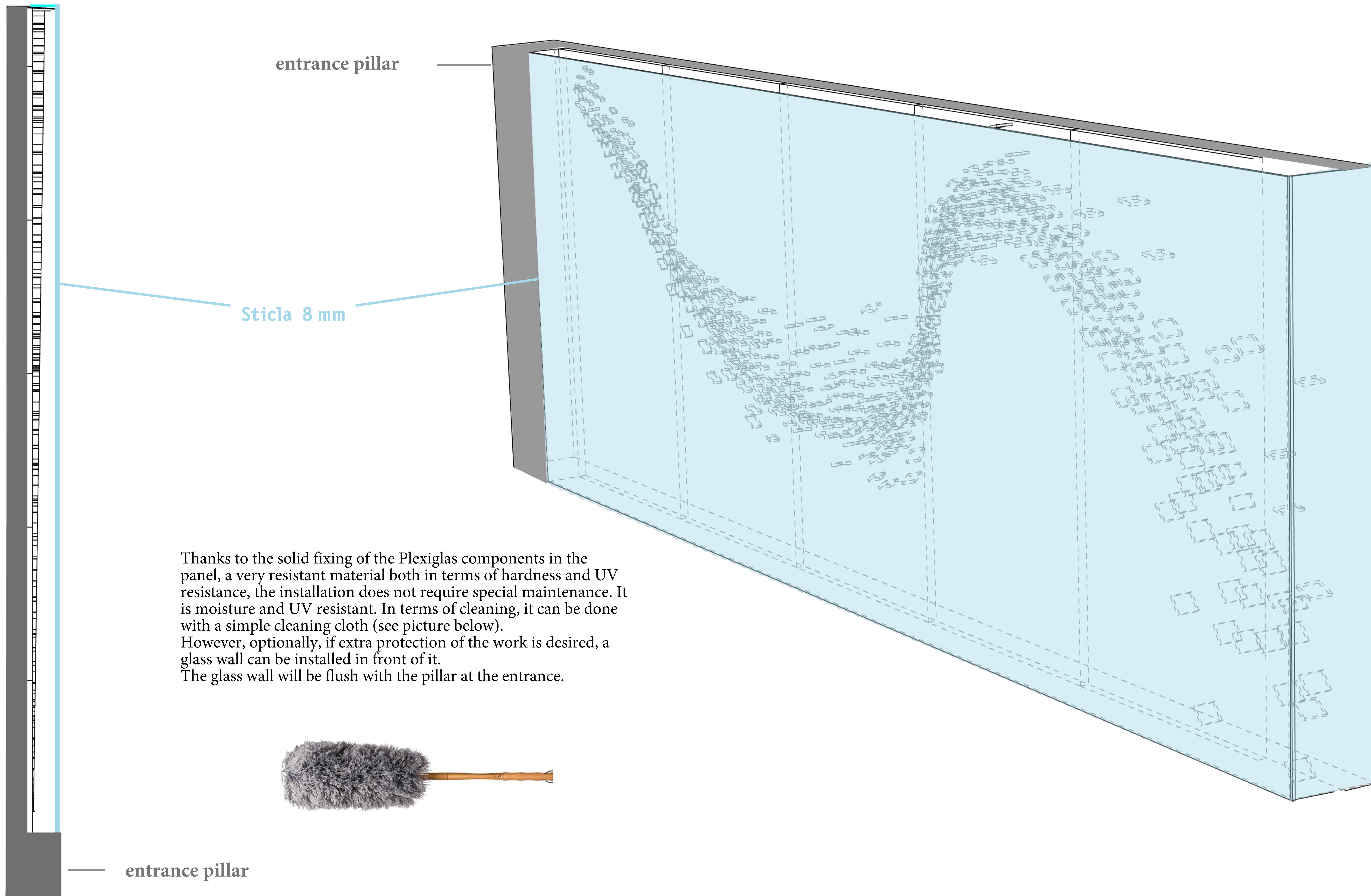
dichroic plexiglass 4 mm thick cut into
rectangles of various sizes



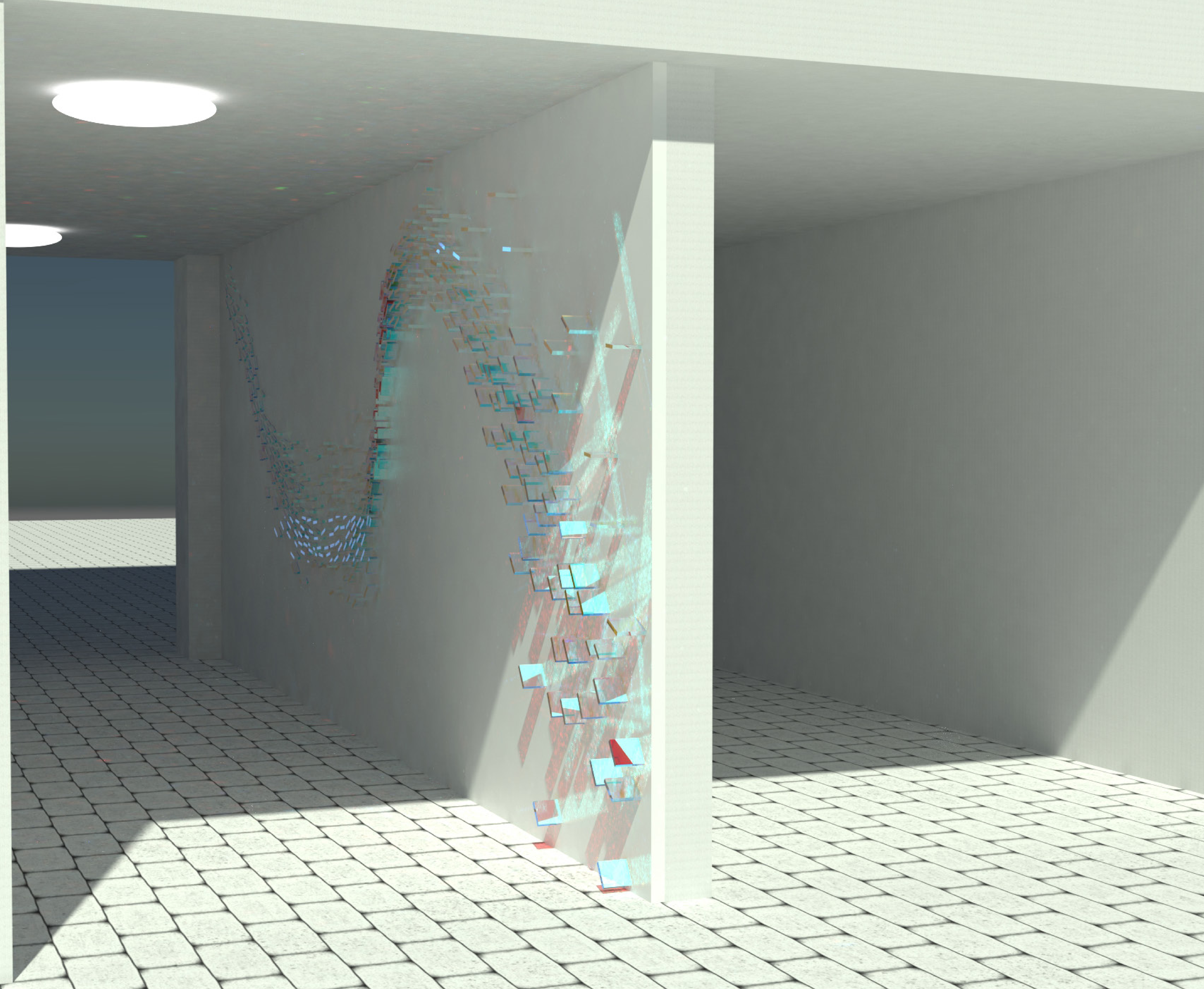
View in perspective

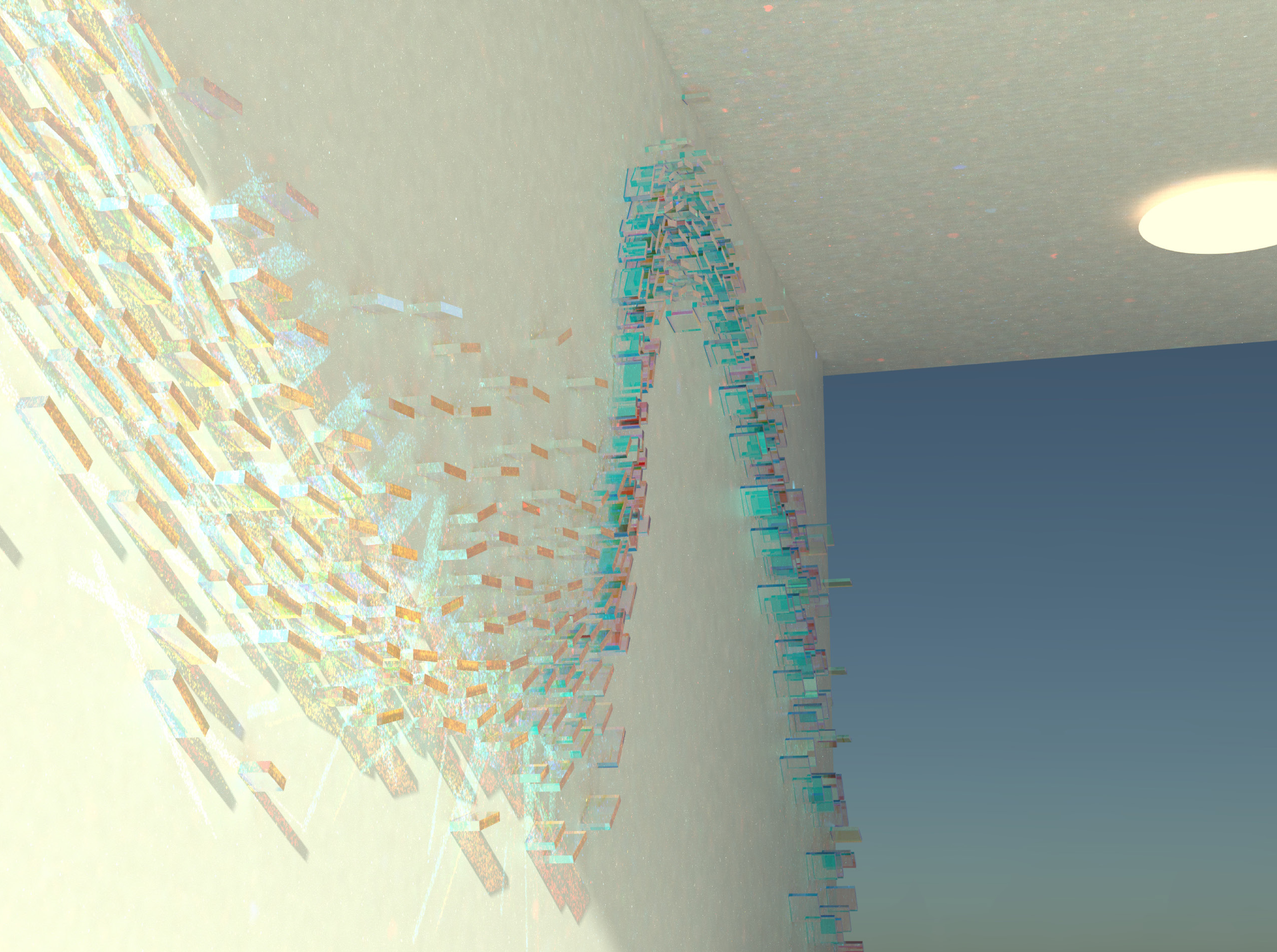


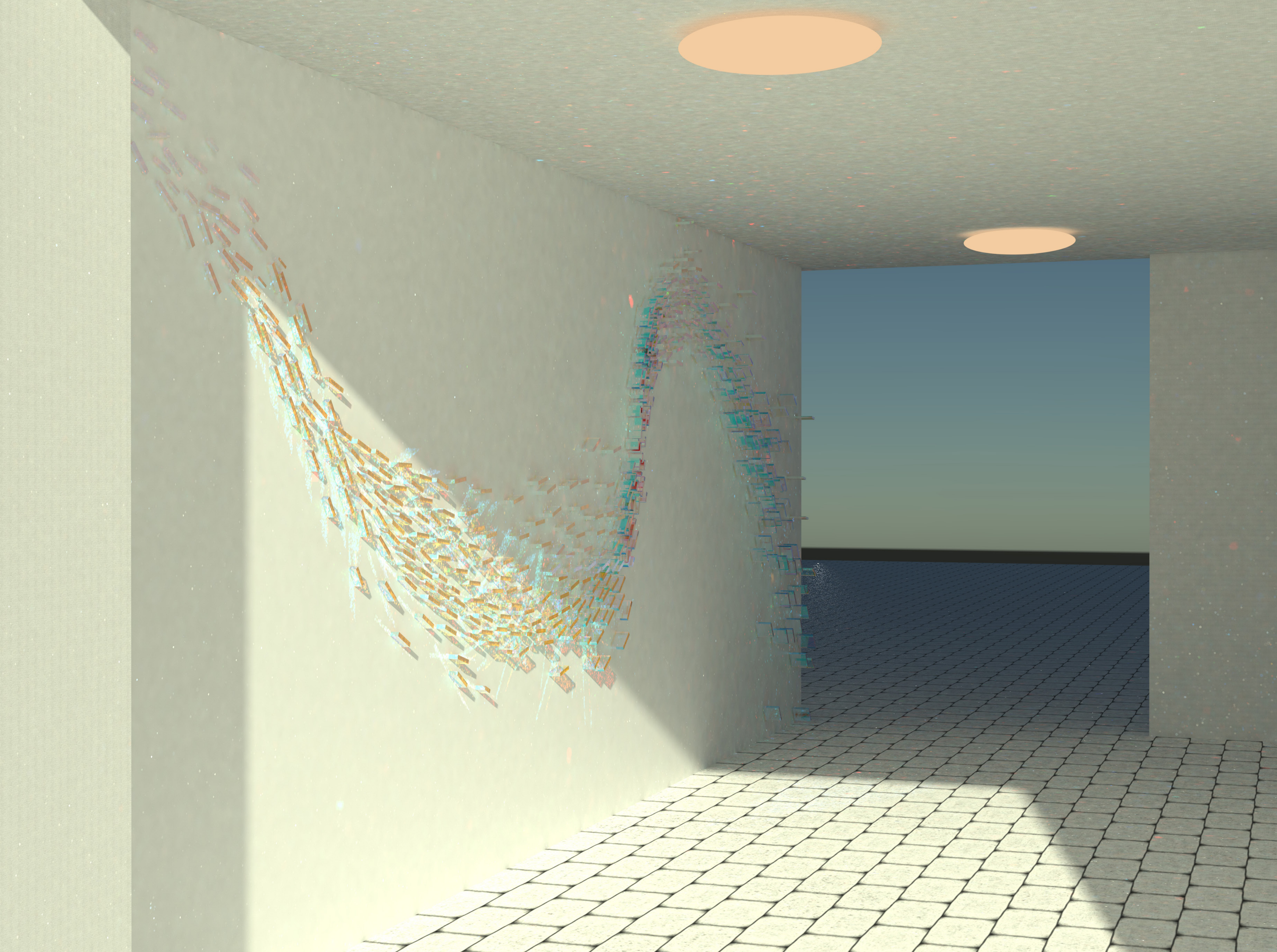
DETALII TEHNICE



Thanks to the solid fixing of the Plexiglas components in the panel, a very resistant material both in terms of hardness and UV resistance, the installation does not require special maintenance. It is moisture and UV resistant. In terms of cleaning, it can be done with a simple cleaning cloth (see picture below). However, optionally, if extra protection of the work is desired, a glass wall can be installed in front of it. The glass wall will be flush with the pillar at the entrance.







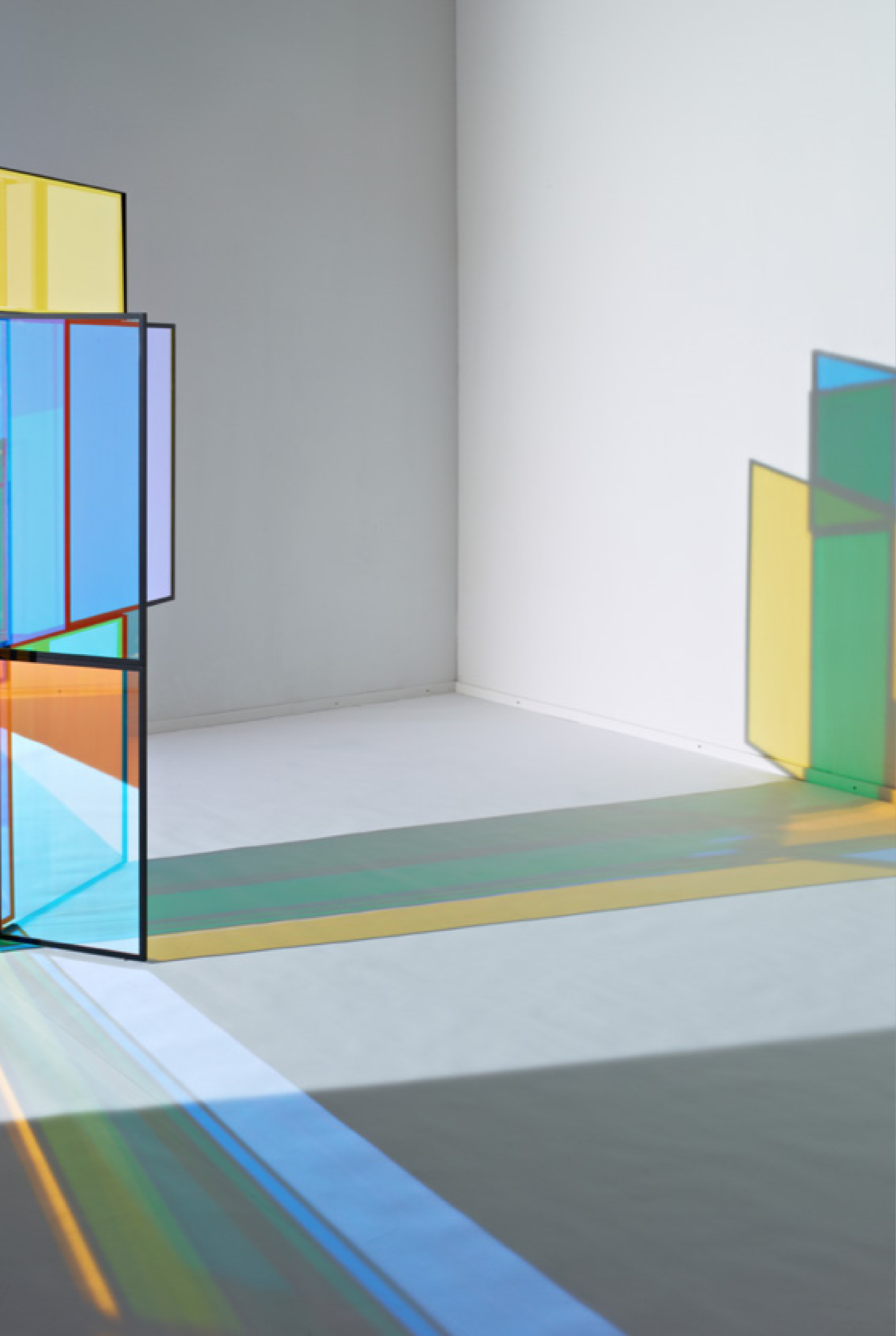




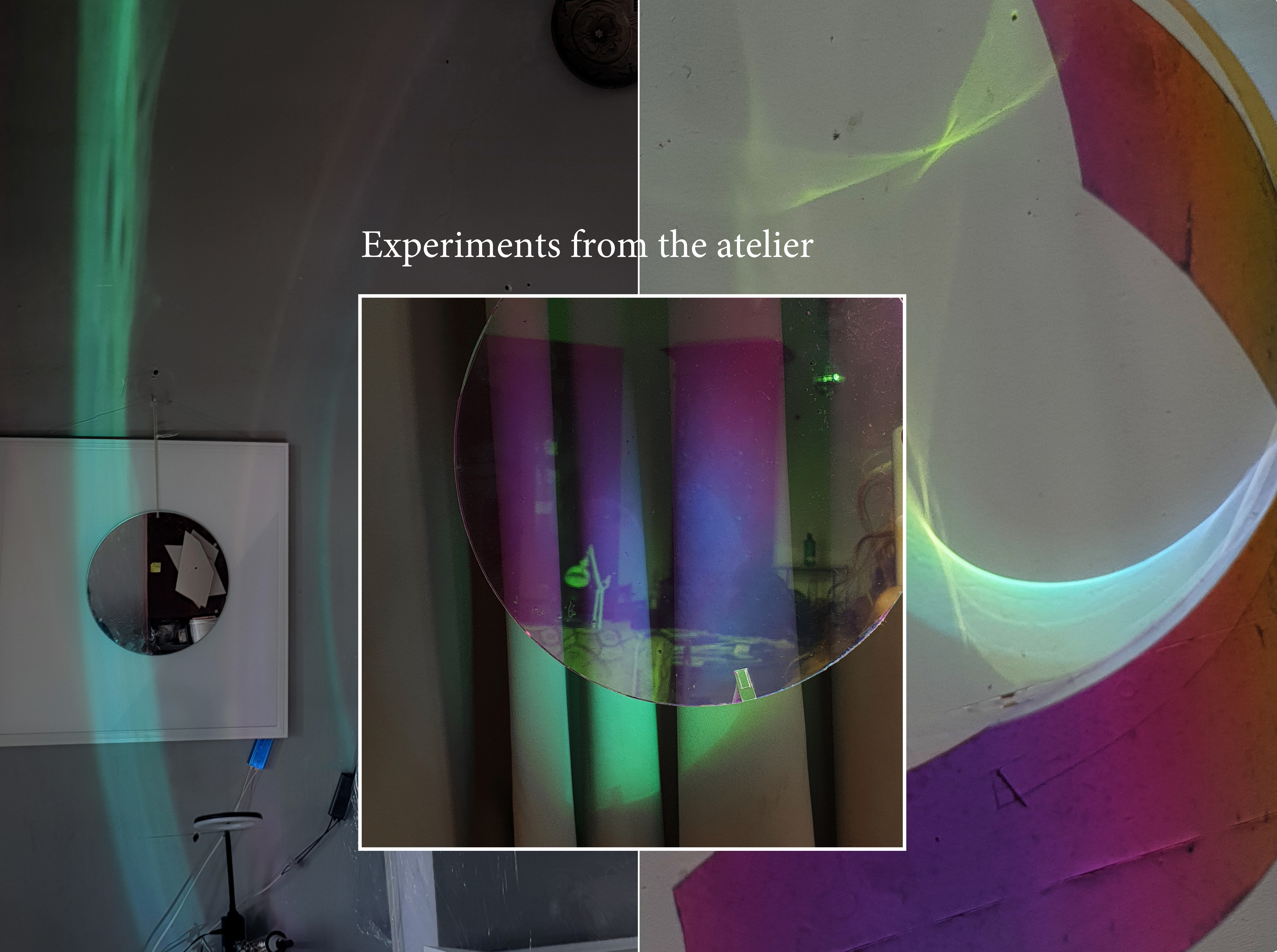
DICHROIC MATERIAL

/A dichroic material is one that causes visible light to be split into distinct beams of different wavelengths (colours). The original term for dichroic comes from the Greek "dikhroos".

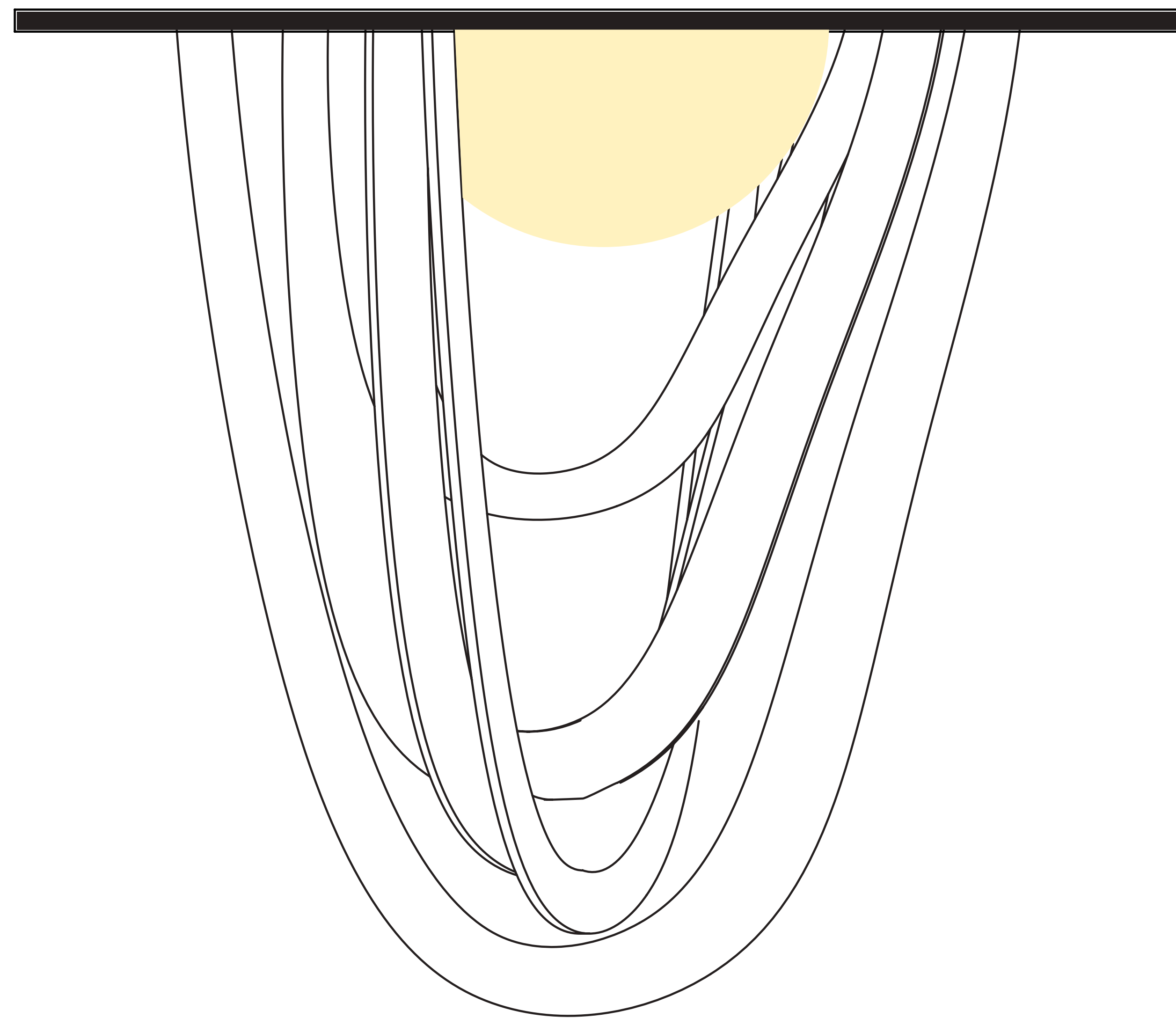
We want to use this material because it has unique optical properties: both the colour of the material itself changes with the angle from which it is viewed and the colours of the shadows cast by it. The material reflects the environment, thus being an intervention that reinvents the environment.



Experiments from the atelier







/ORBITING LIGHT/

CONCEPT II

by Catrinel Sabaciag

CONCEPT

With the installation "Orbiting light" we want to transform the entrance area of the building on Calea Dumbrăvii no. 71 from a transit point into a destination in itself. The destination is marked by two light installations inspired by the planet's orbits. In the centre is the light source, in the shape of a semi-sphere, and around it are placed a series of semi-oval rings, similar to orbits, made of dichroic plexiglass. The composition of the dichroic Plexiglas creates a whole spectrum of light, reflections and shadows depending on the angle from which it is viewed. At the top is a mirror-like mirror-like clamping disc made of shiny aluminium. It mirrors the elements it supports, creating the illusion of a whole sphere accompanied by its orbits.

Placed in this setting, the installation reinvents the space and creates a deo-sebit contrast between the environments, between the geometric architecture of the building, which frames it and the eclectic interior, which combines a play of radiant rays and colours. For this reason, the entrance to the building is the ideal space for viewing and experiencing this effect, with the public forced to move to fulfil the functionality of the work. This creates a visually heterogeneous environment in which the viewer becomes a co-creator of the work. And at every step, the material generates effects triggered by the movement of the sun that cause recurrent and unpredictable changes of light and colour.

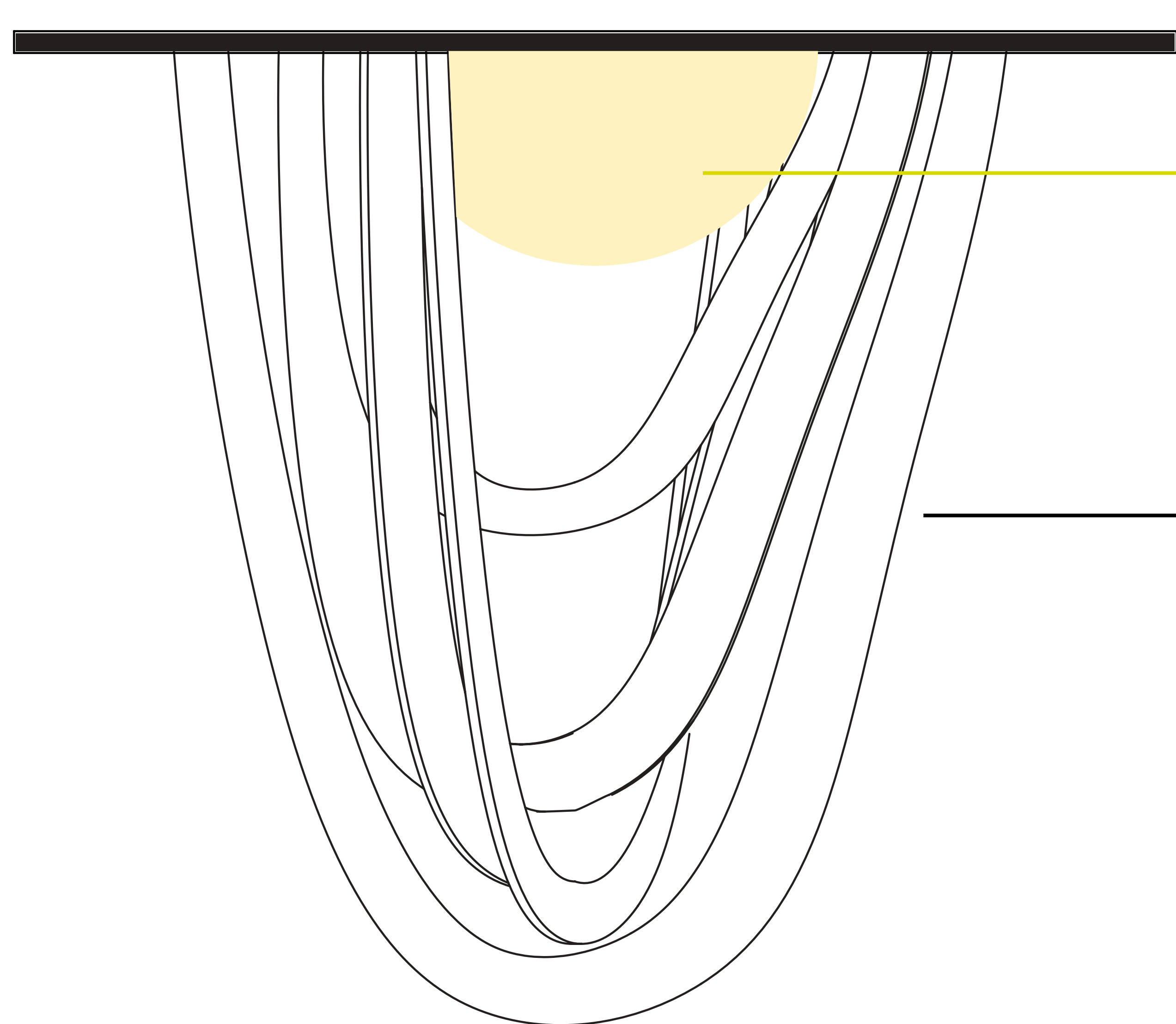
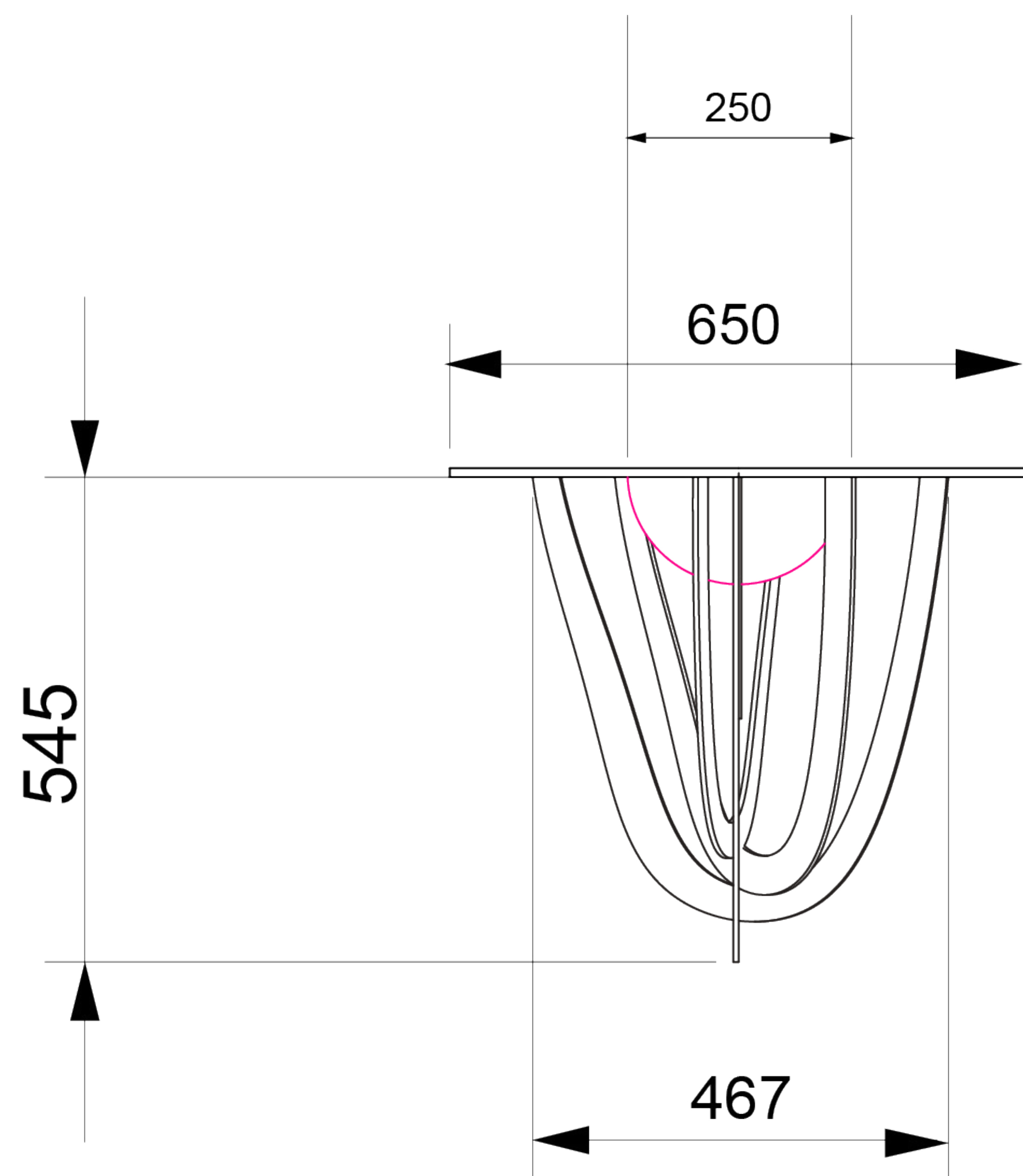
Technical aspects

The luminaire is made with LEDs, which have a lifetime of 20,000-50,000 hours.

When the LED bulb needs to be changed, the aluminium clamping disc that supports the whole assembly is easily removed.

The central semi-sphere is made of sand-blasted glass which ensures uniform light diffusion.

The dichroic Plexiglas is supported by the upper metal disc. In some areas the rings interlock, making the installation robust and durable.



— disc aluminiu lucios

Semi-sfera sticla sablata cu sursa LED in interior

— inele plexiglass dicroic

