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KU project

Between architecture and textile

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1. Blue Bricks

Overview

Consisting of 729 connected textile components, Blue Brick is dyed in three different blue gradients and nine hue variants. Each nylon piece can be separated and sewn together again to transform, which enables a continuous transformation within the spatial installation. Functionally speaking, it has the potential to co-exist within the space as a transparent wall, massive curtain, or even as a horizontal carpet-shaped element.

Title : Blue bricks

Completed : 2013

Location: Copenhagen, Denmark

Site : Gallery Another space (anotherspace.dk)

Material : Nylon 100%

Size: W0.2m×H0.2m×D0.08m×729 pieces

Total cloth surface : 75.8 m²

Photo credit : Akane Moriyama



From east



From north









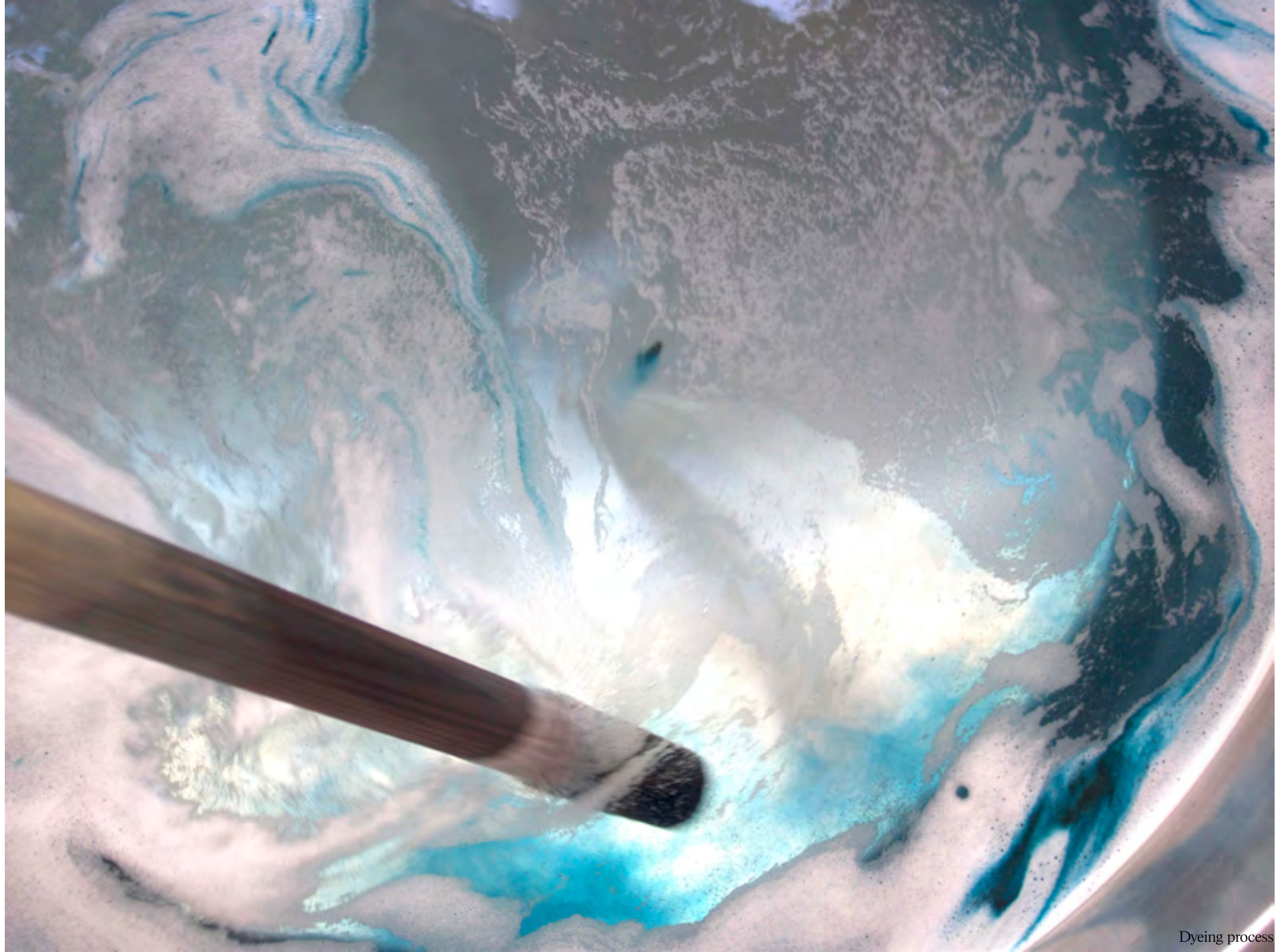




From outside

Process of making







Dyed in three different blue







One layer of bricks



2. Cubic Prism

Cubic Prism is a large cube-based structure made out of three different colors of textiles. Suspended between two buildings at the Goldsmith Hall in the university of Texas, Austin, the piece reacts to environmental factors, as the geometry of a rigid cube is replaced with soft semi-transparent fabrics.

The installation's opacity changes according to the way natural light is filtered through it, mixing the different colors – the transient prism continuously shifts its visual appearance. Hanging naturally between the surrounding buildings, the structure dramatically influences the nature of the square below.

Title : Cubic Prism

Completed : 2013

Location : Austin, United States

Site : Goldsmith Hall at The University of Texas at Austin

Sewing designer/production : Izumi Sato

Structural engineer : Konishi Yasutaka Structural Engineers

Cooperation : Michael Benedikt, Coleman Coker, Center for American Architecture and Design, The University of Texas at Austin School of Architecture, Nagisa Kidosaki

Material : Polyester; 21g/m², Metal, PVC, Stainless wire (4.76mm)

Size : W4.2m×H4.2m×D23.8m

Total cloth surface : 1100m²

Overall cloth weight : 24kg

Overview



At courtyard





Below the cube



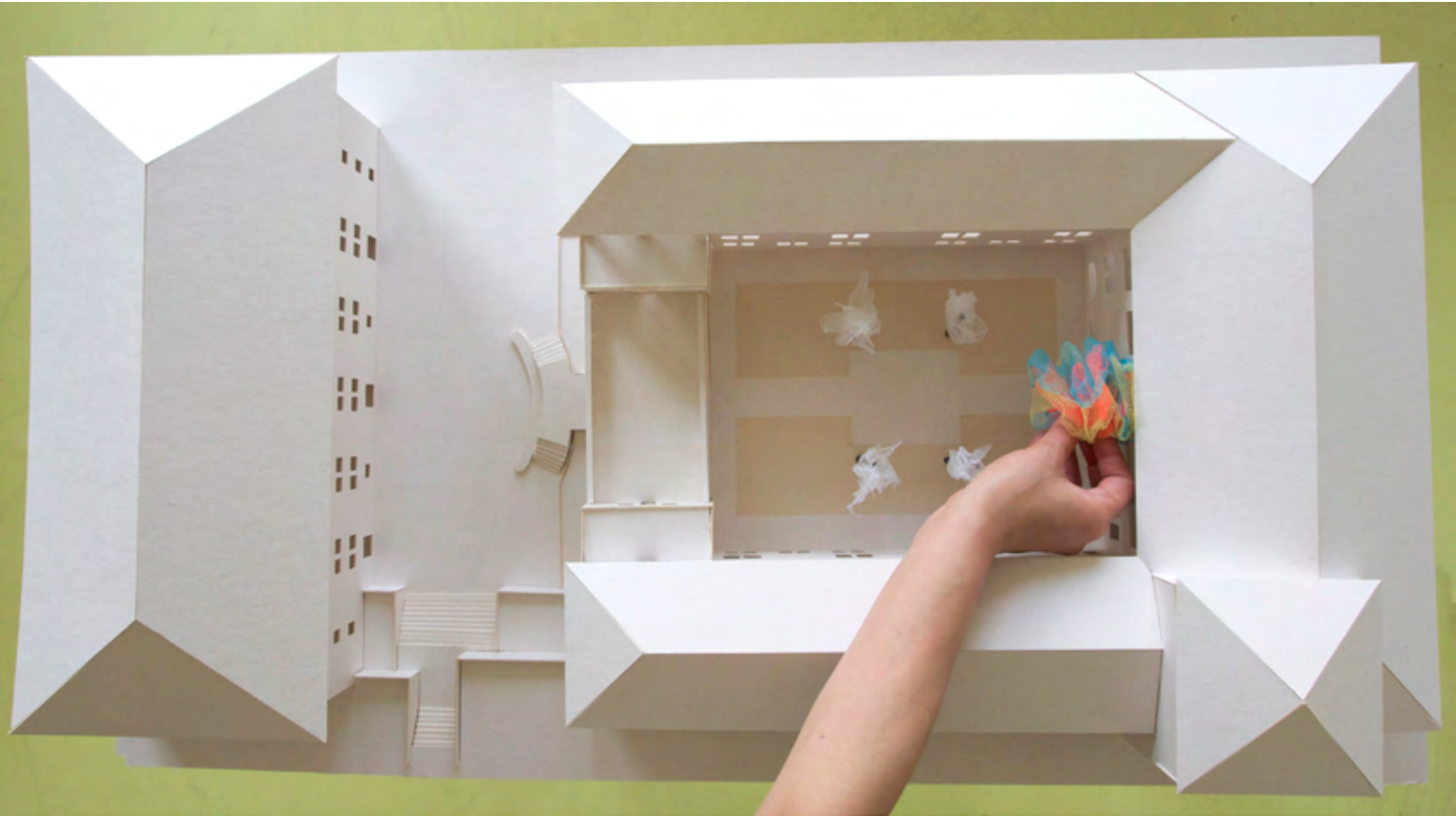
From south

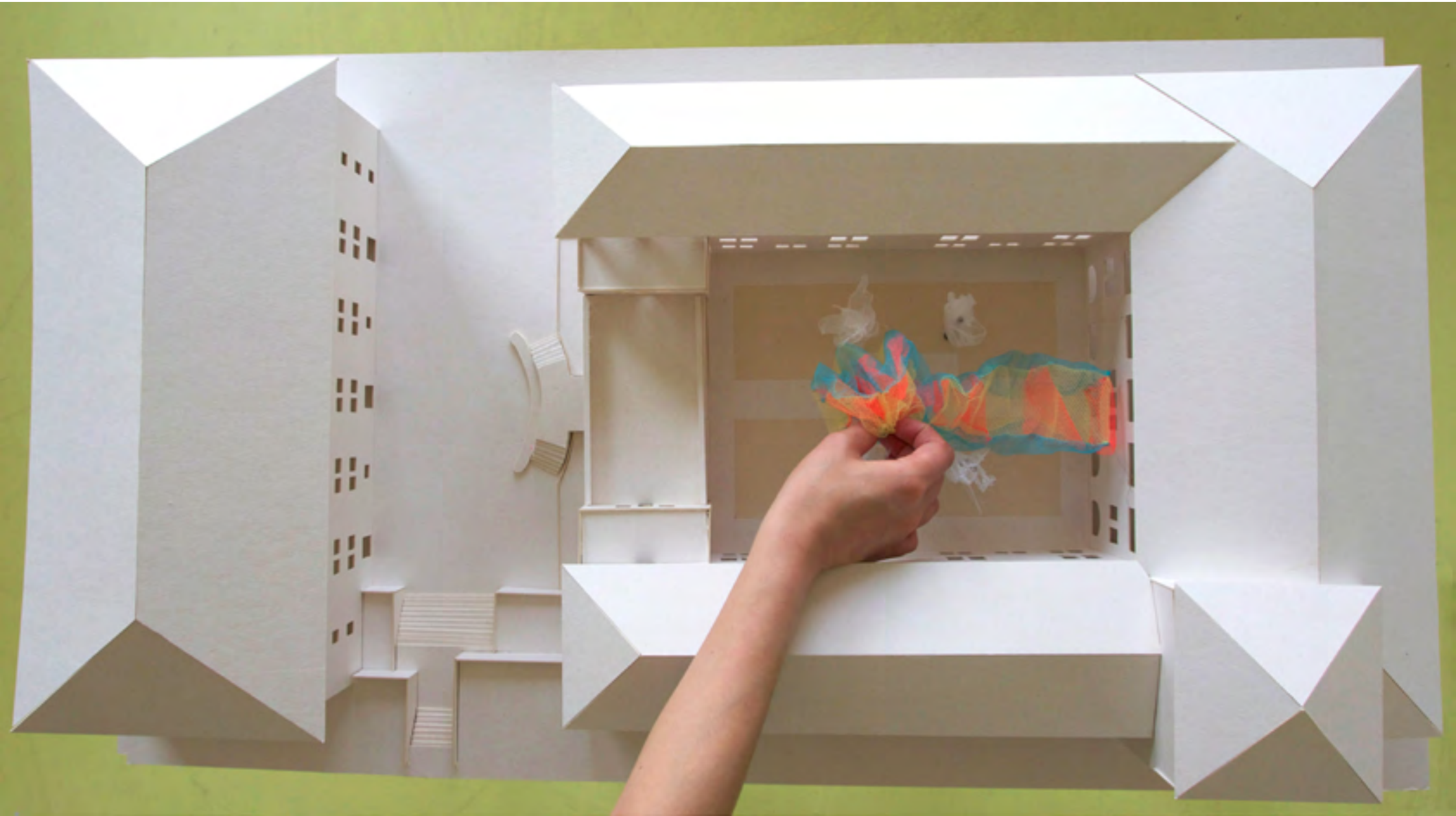
Process of making

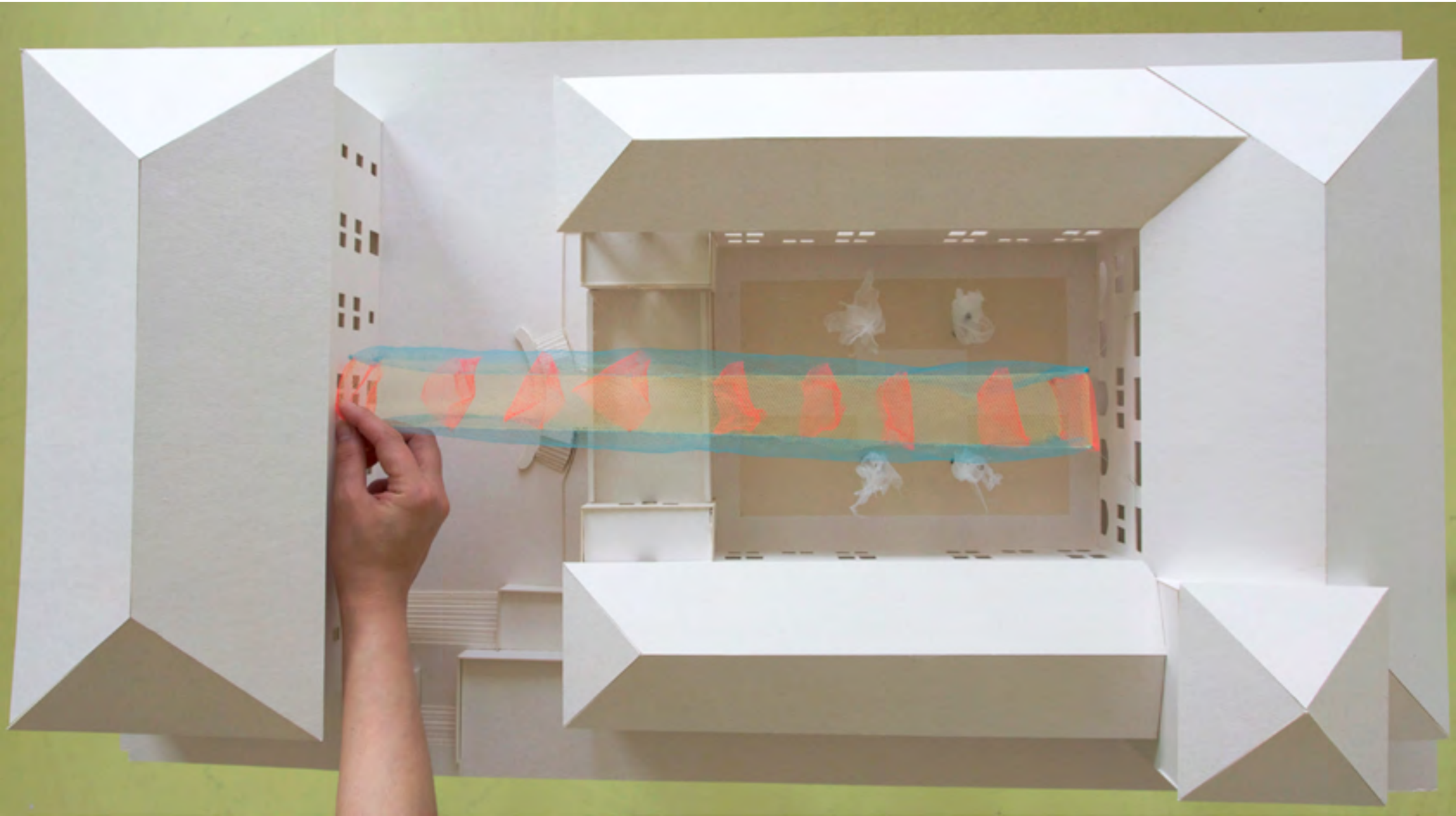














Cut fabrics









Hanging tryout











Installing



Open fabrics



Open fabrics



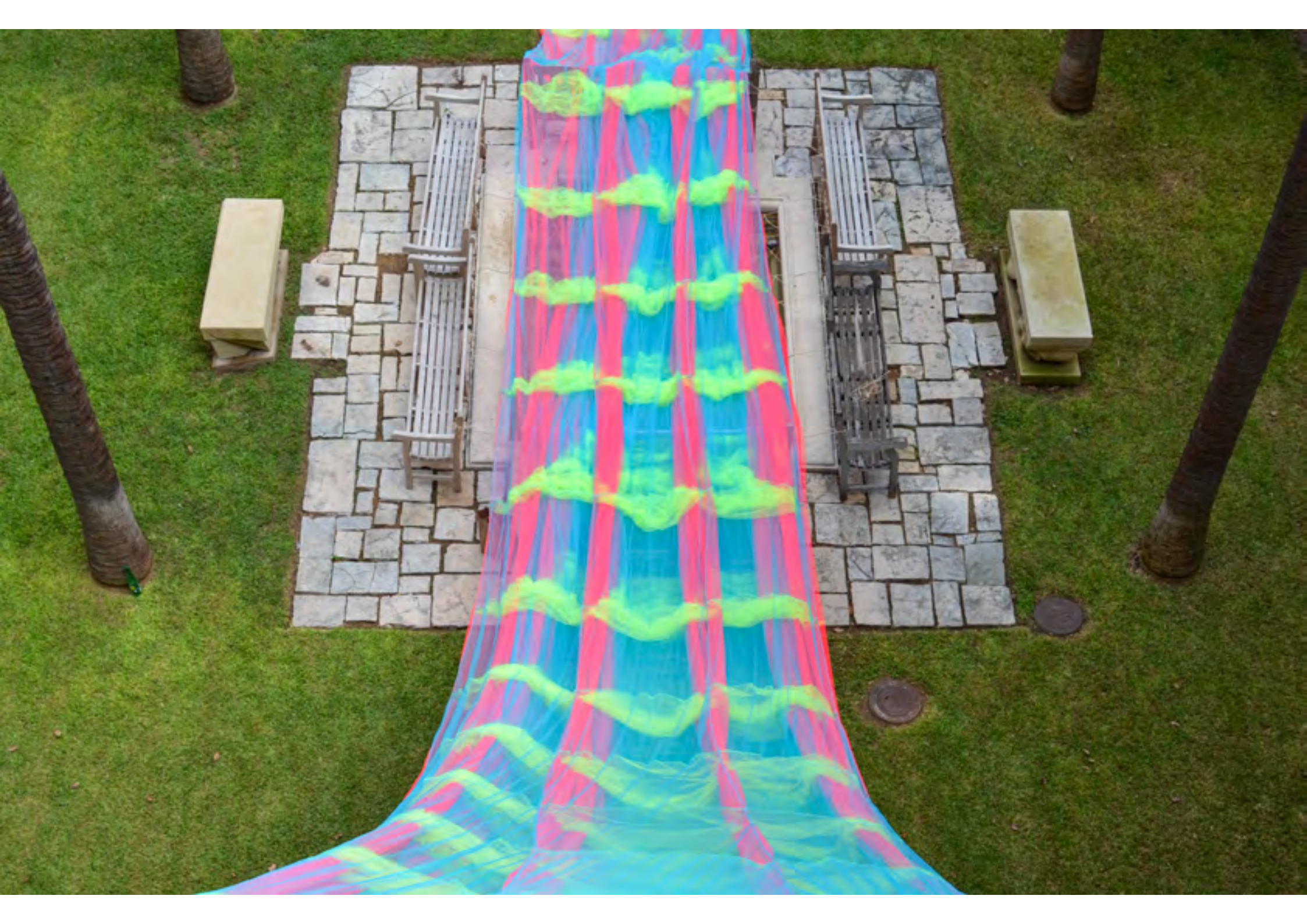
Open fabrics



Hang fabrics on one side









Pull string form other side







Stretch fabrics from both sides

When it rains



Fabrics fell down with weight of rain drops



and gathered in the middle





Trying to take off water from fabrics





Weight of water drops created catenary line

