

WETTER UND MATERIAL

WETTER ... VOM NATURPHÄNOMEN ZUM ARTEFAKT

A bright sun with rays shining through a blue sky with scattered white clouds. The sun is positioned in the upper right quadrant, creating a starburst effect with multiple rays extending across the sky. The clouds are scattered, with a large, prominent one in the lower center and several smaller ones elsewhere. The overall scene is bright and clear.

SONNE

The background of the image is a close-up, slightly blurred photograph of a plant's leaf structure. The leaves are arranged in a dense, overlapping pattern, showing a range of colors from light yellow to dark brown. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the texture and three-dimensional quality of the leaf surfaces. The overall composition is abstract and focuses on the natural, organic forms of the plant.

Hygromorph

Je nach Temperatur werden einzelne Blätter geschlossen oder geöffnet. So kann das Innenraum-Klima reguliert werden.



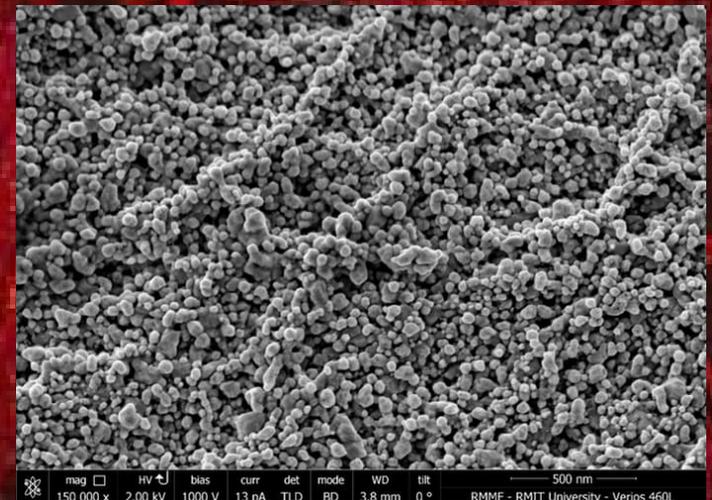
Material: Veneer Composite, Birch Plywood



Selbst reinigendes Textil

*Ein Textil kann bei Lichteinfall Energie erzeugen,
die biologischen Schmutz selbst reinigt.*

material : Textil mit selbstwachsender Nanostruktur



The idea of a tree

*Wilkürliche Gestaltung eines Möbelstücks
durch Einfluss vom Klimawandel.*





Material: Naturfaser und Leim, stainless steel construction on a wooden trolley;

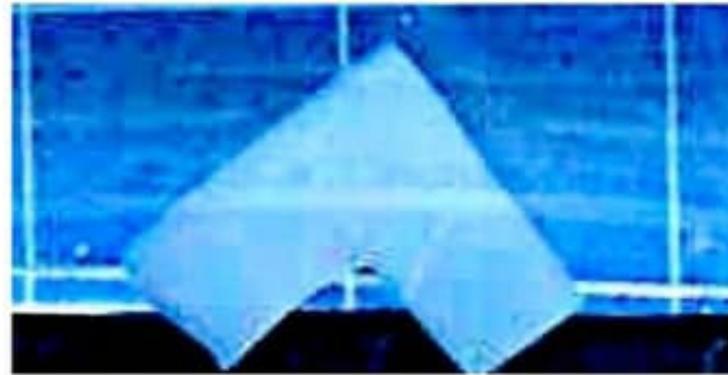
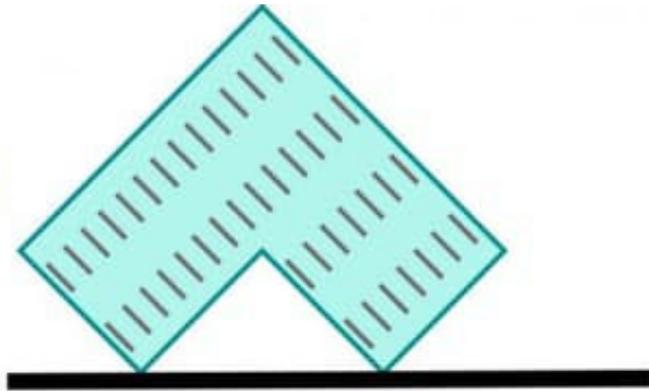


A close-up photograph of a hand holding a transparent, gelatinous hydrogel. The hydrogel is shown in two states: a flat, circular disc at the top and a cup-like shape at the bottom. The background is a blue tiled surface. The text 'Hydrogel' is overlaid on the left side of the image.

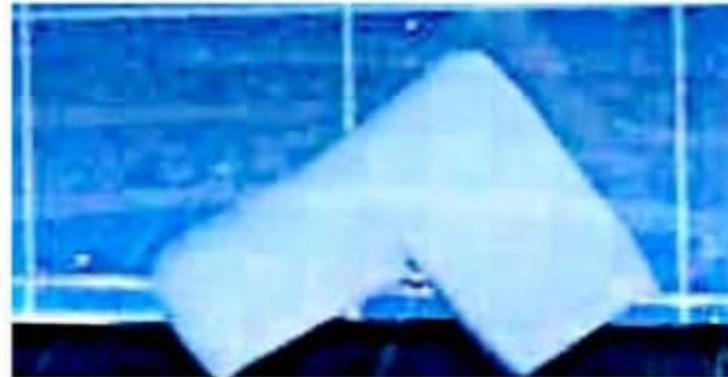
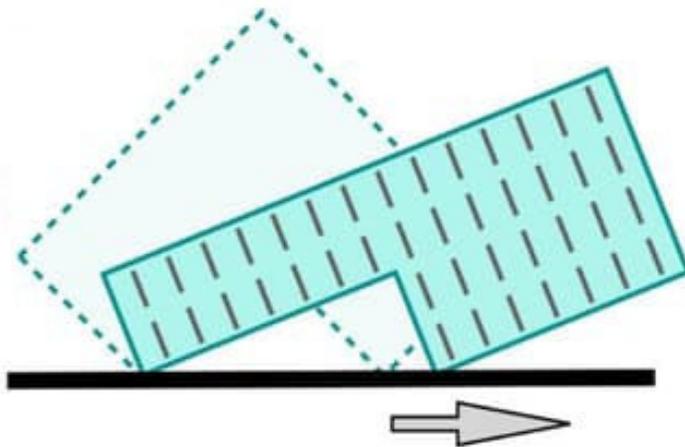
Hydrogel

*Die Temperatur kontrolliert
die Form von Hydrogel.*

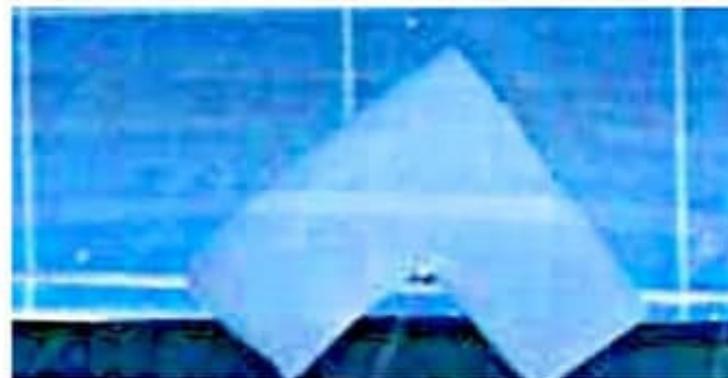
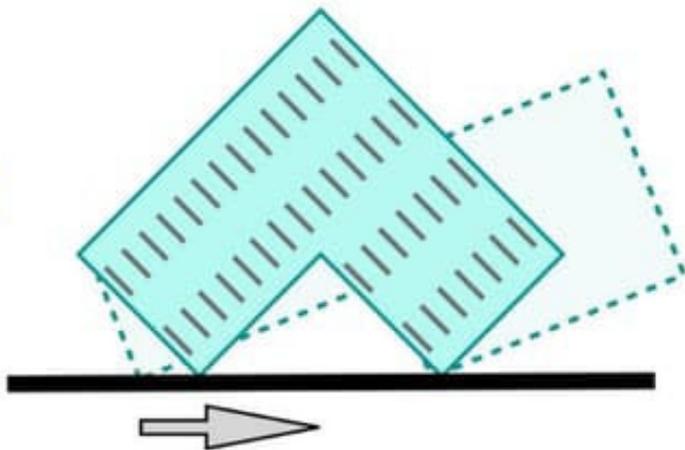
25 °C



45 °C



25 °C



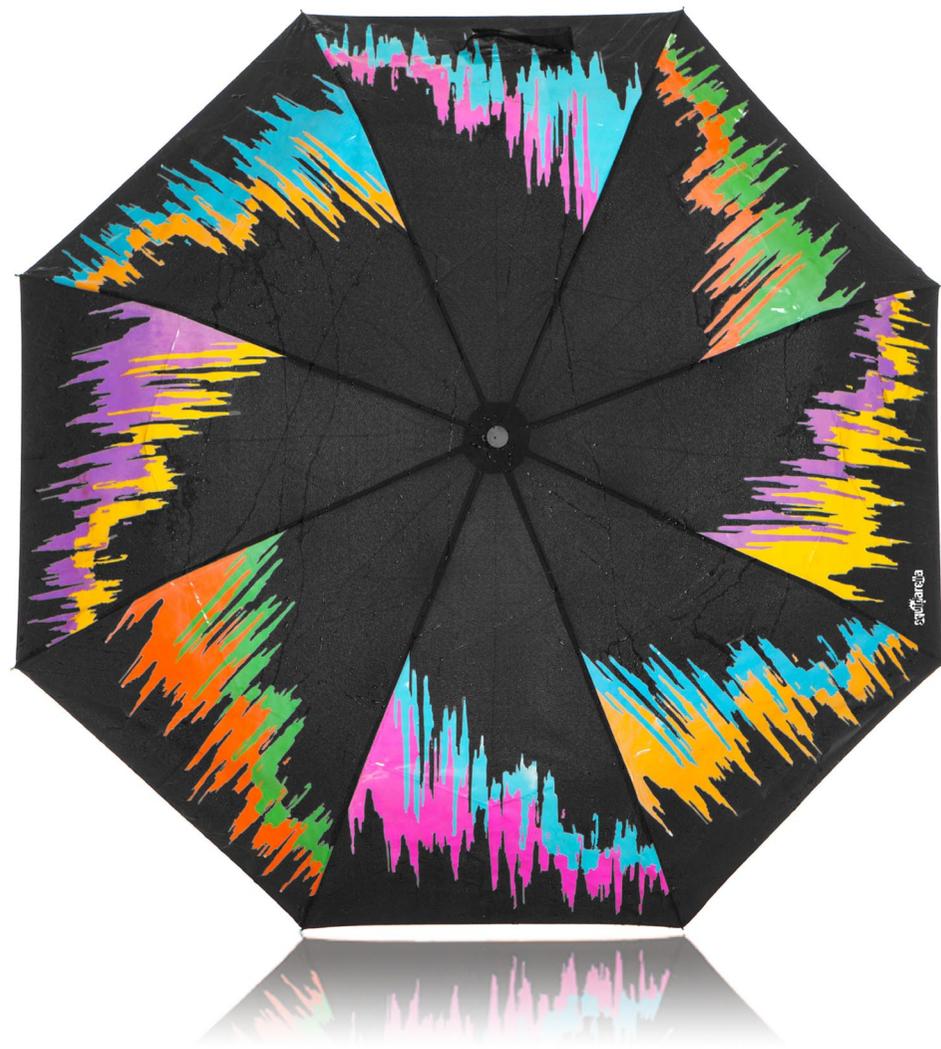
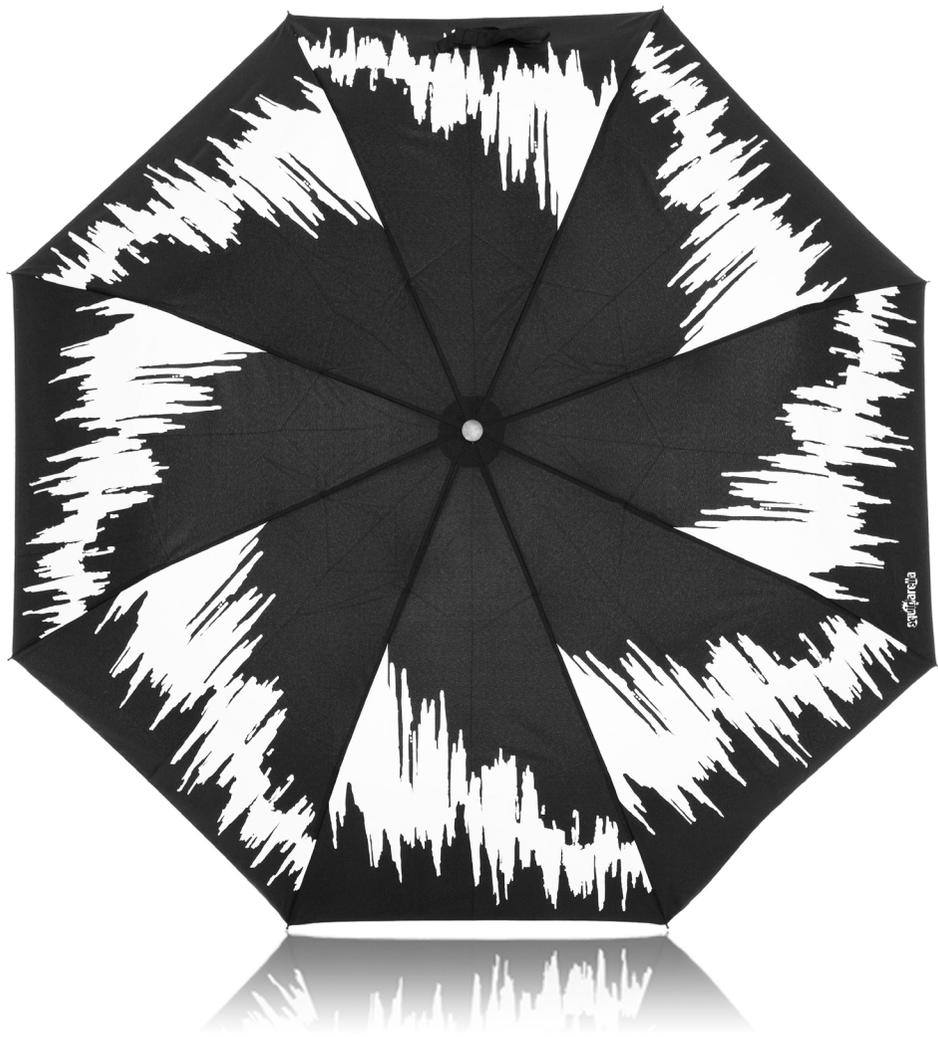


REGEN



Squidlondon

*Ein Regenschirm mit einem Hydrochromic-Tinten-Druck.
Wenn es regnet, wandelt sich die Farbe des Bildes.*



Material: Hidrochromic Ink



Rainworks

Zweikomponenten Spray, macht jede Oberfläche super wasserabweisend.



Material: Wasserdicht-Spray

A misty forest landscape with evergreen and deciduous trees. The scene is hazy, with a soft, greyish-blue color palette. The trees are silhouetted against the mist, creating a sense of depth and atmosphere. The overall mood is serene and quiet.

LUFT/WIND/FEUCHTIGKEIT



Nebelnetze

Trinkwasser durch Wind und Nebel gewinnen.



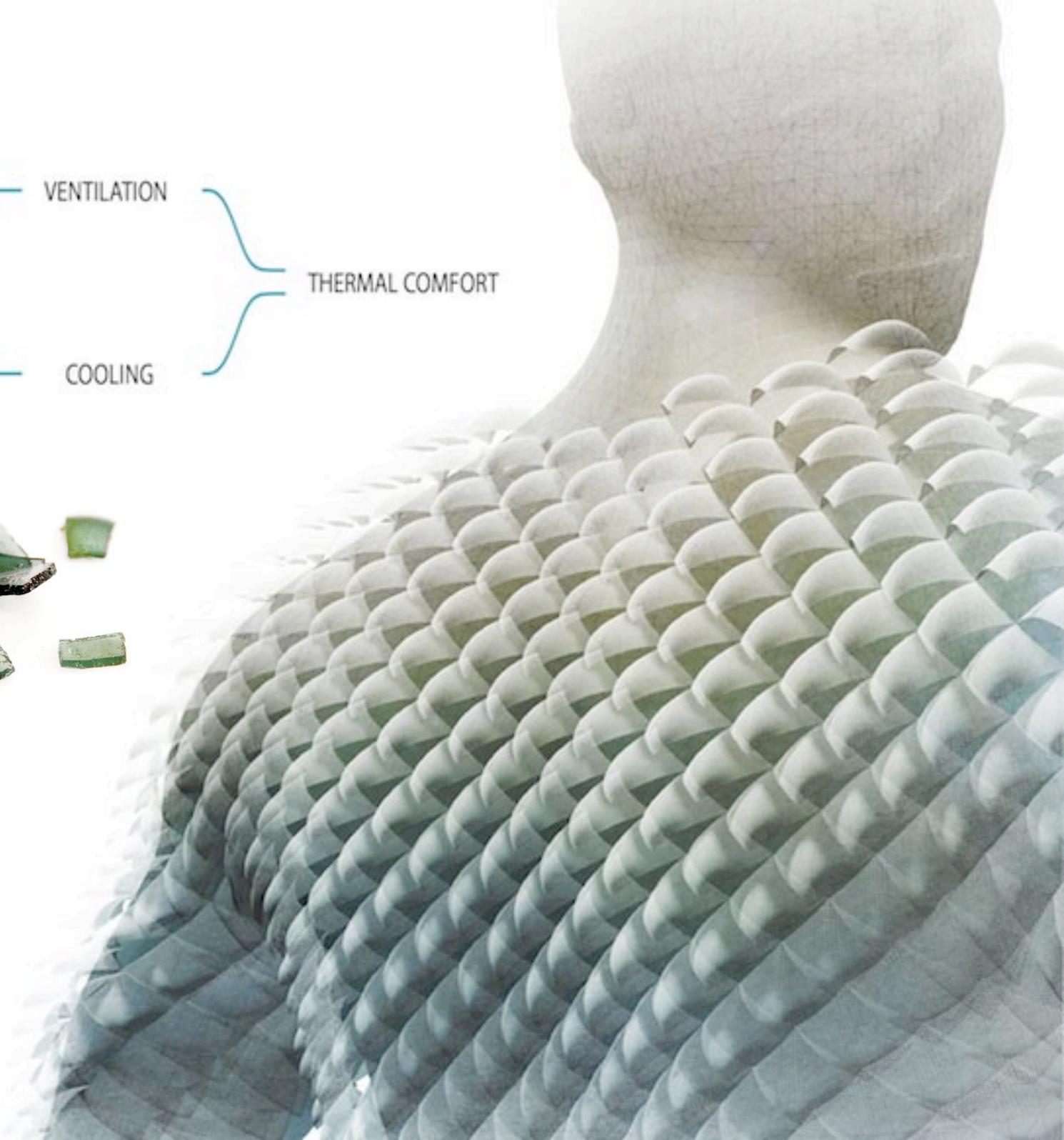
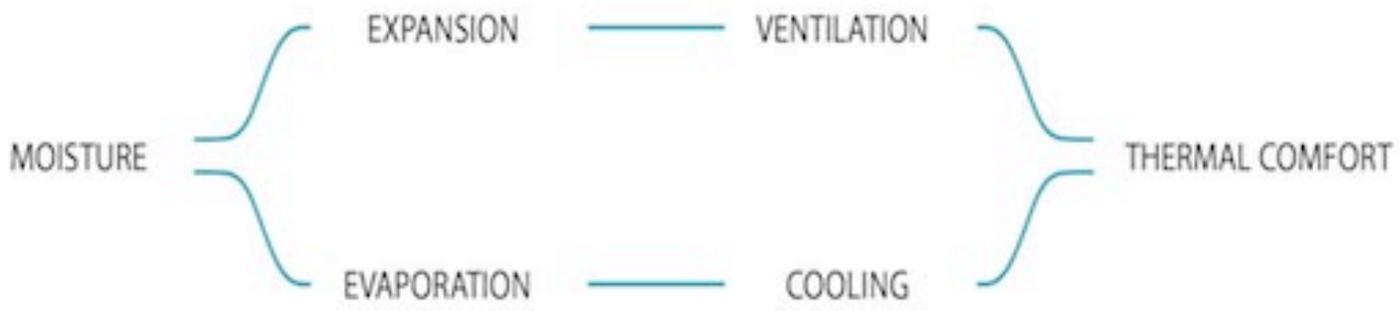
Material: Kunststoffnetz





Hydro-Membrane Textile

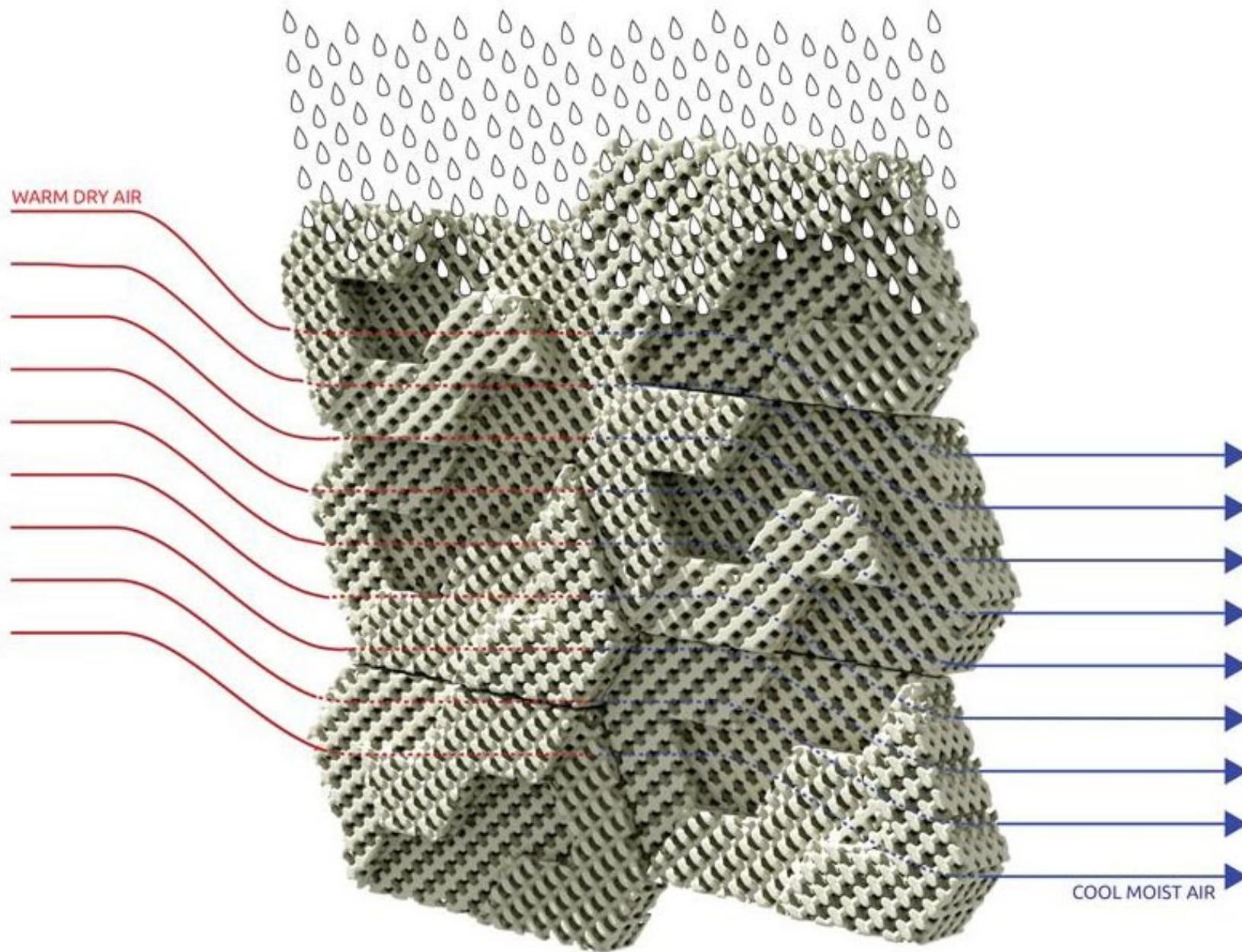
Dieses smarte Textil reagiert auf Feuchtigkeit. Die Struktur öffnet sich bei Feuchtigkeit. Dadurch entsteht eine kühlende Luftzirkulation.





Cool Brick

3D gedruckte Keramikstruktur ermöglicht Raumkühlung



Material: 3D gedruckte Keramik

VIELEN DANK.

WANHYUN KO 6. SEMESTER

PROF. GUIDO ENGLICH

QUELLE

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