

# European workshop 2025

Group 5 : Studio Olga Beatrice Carcassi and Arthur Lam

# Le cerf-savant

Sylvia  
Zohar  
Kenzo  
Rayan  
Nghia



# PERSONAL INITIAL INSPIRATION

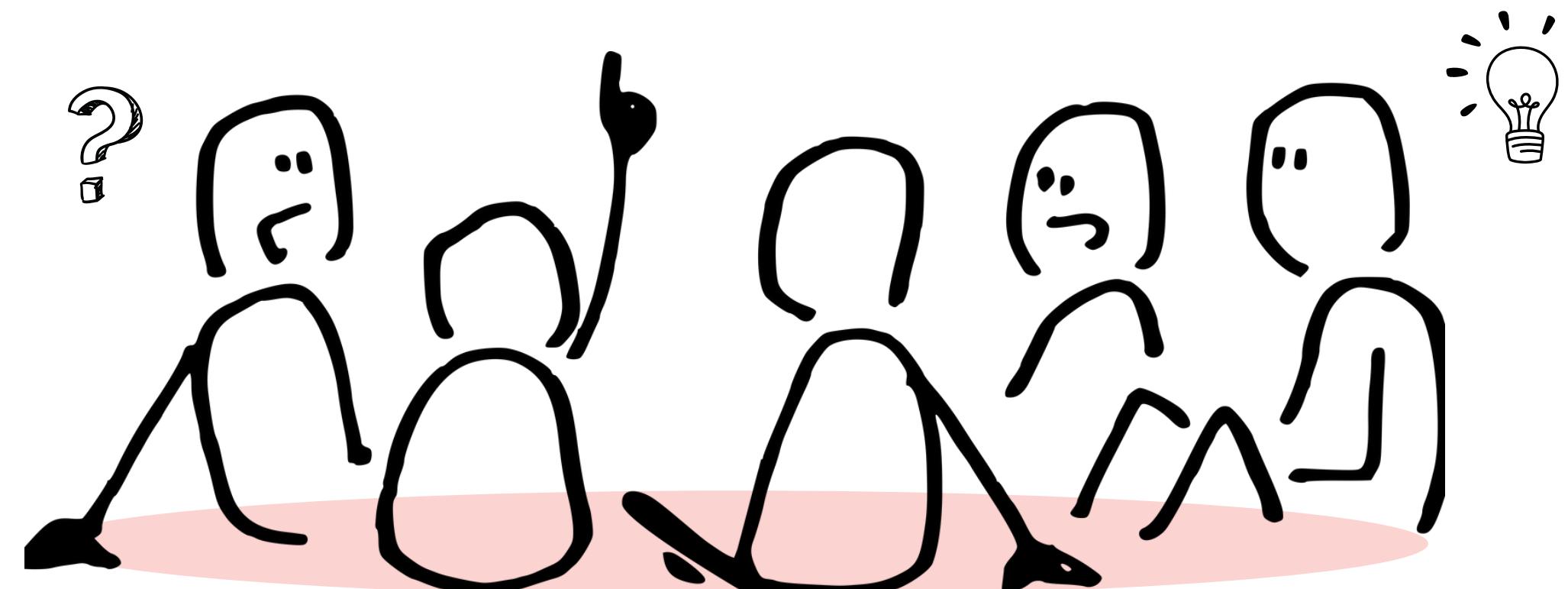
**Kenzo** : To create is to live another life.

**Nghia** : What is the first house of humanity?

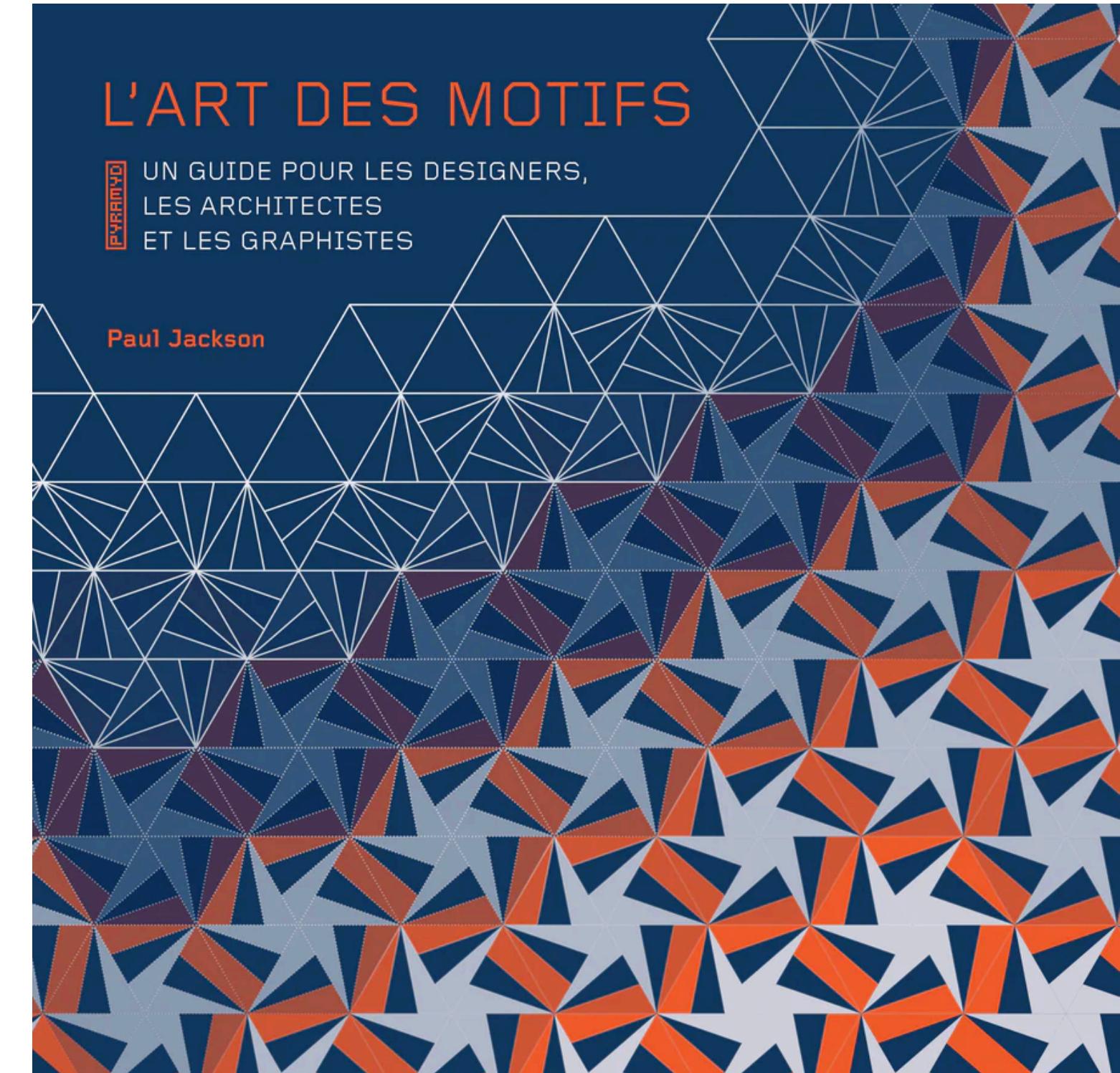
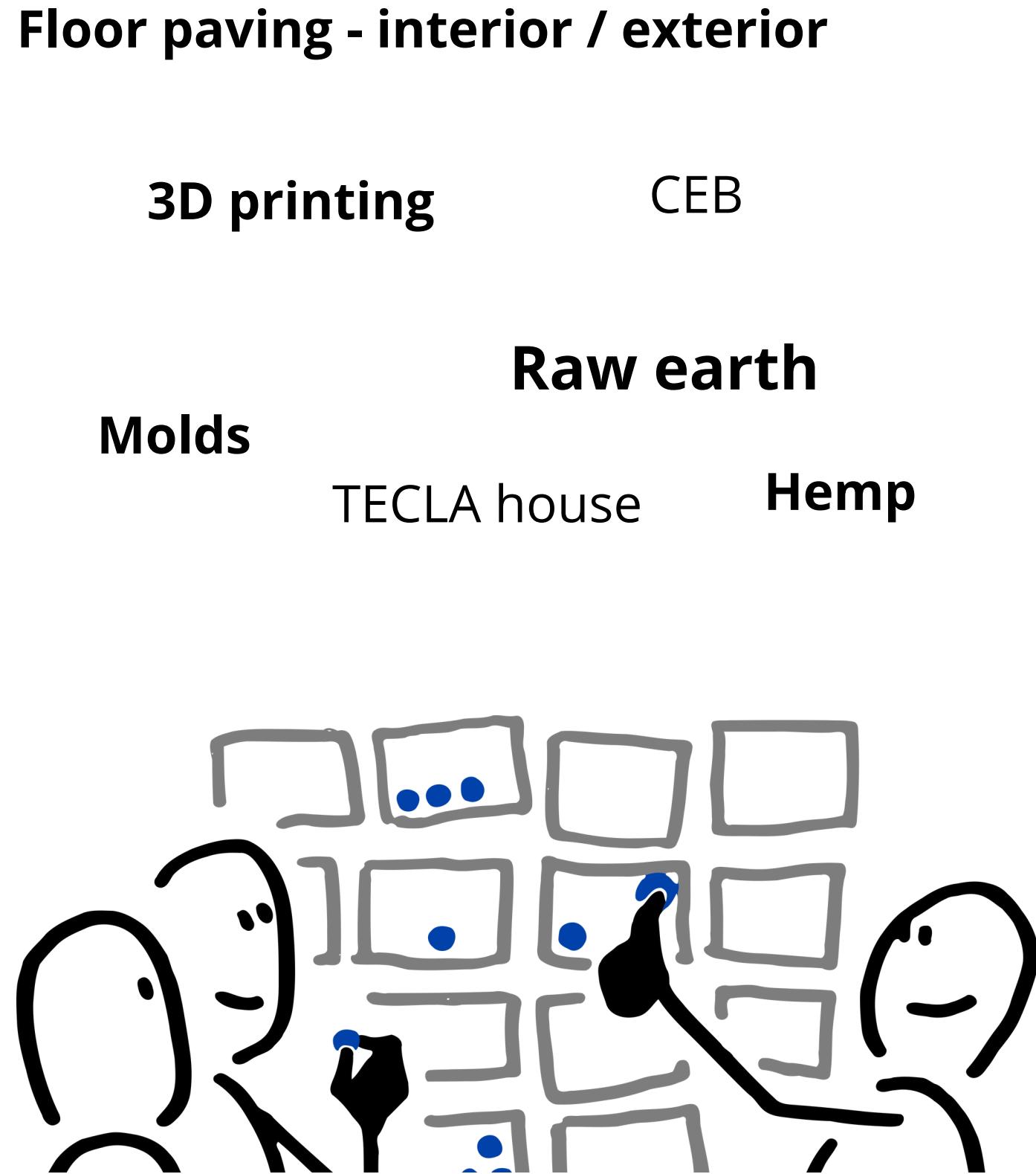
**Rayan** : Creativity is in the ideas and can express through the machines.

**Zohar** : "It is from the ocean and space that the destiny of future civilizations will be born." Jacques Rougerie

**Sylvia** : Take inspiration from the nature to build the future.

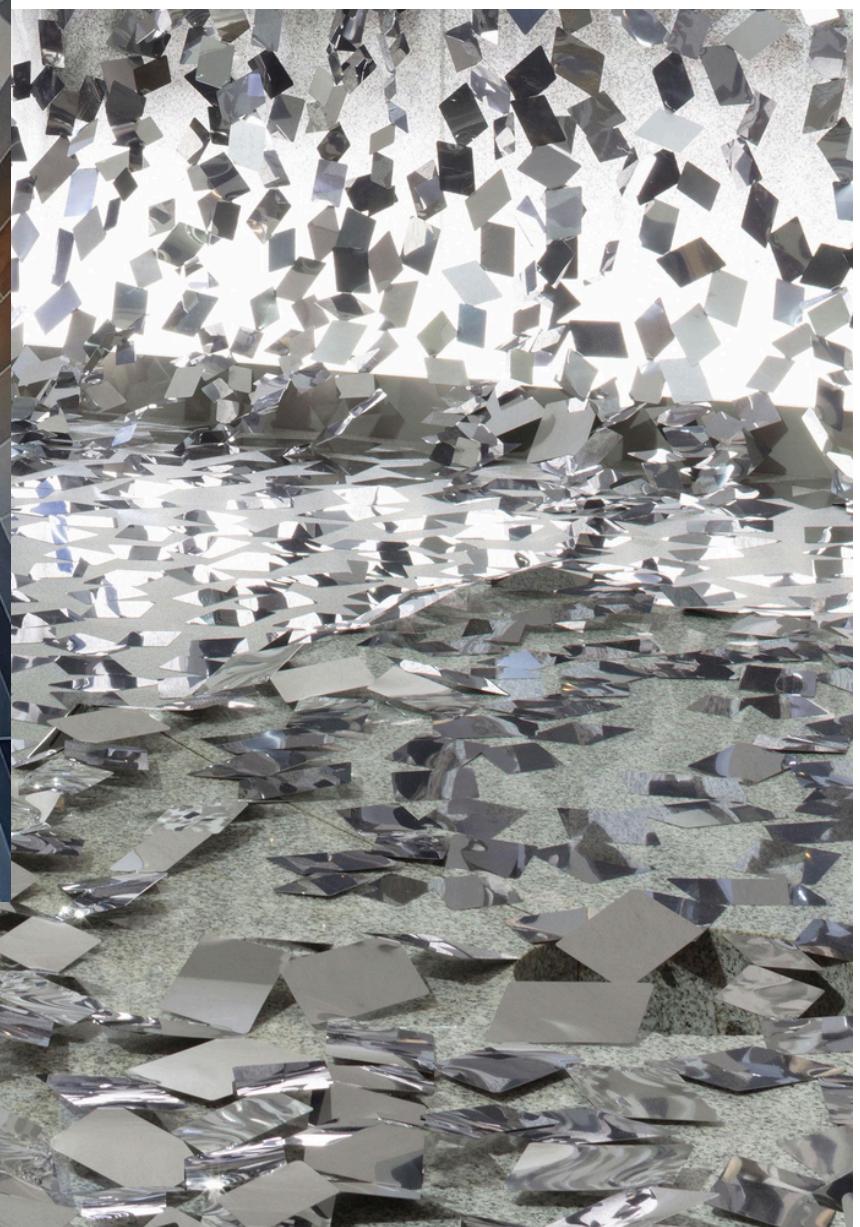
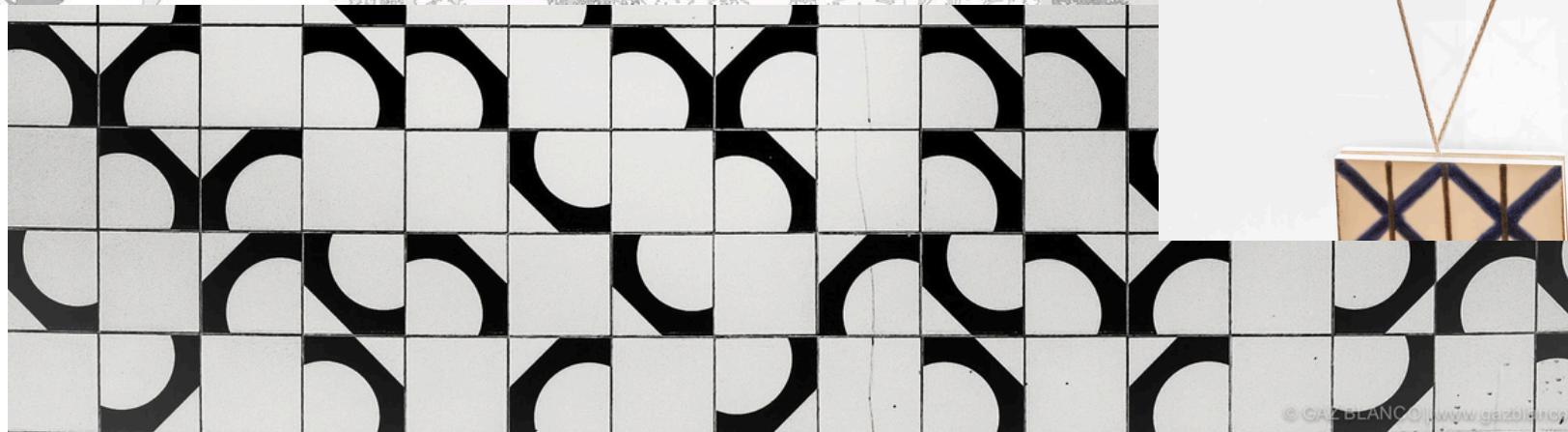


# WE SHARE, WE AGREE ON THE POINT OF VIEW



Dimensions of the molds:  
Thickness : 3cm

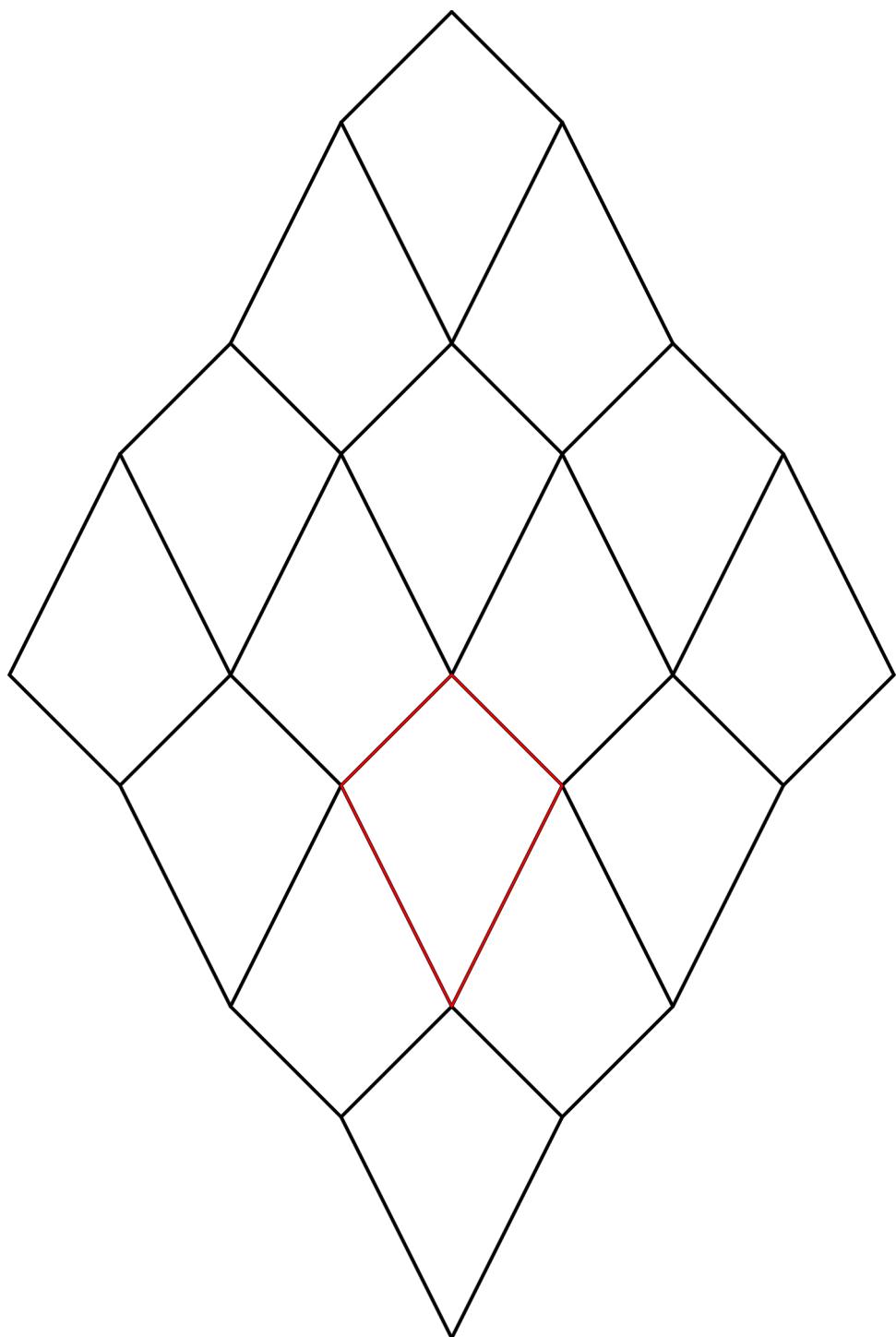
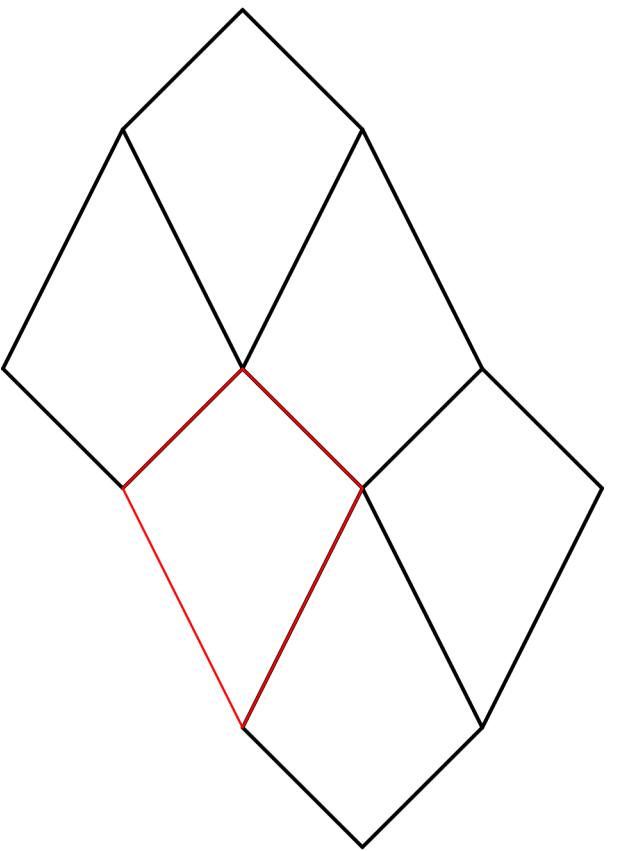
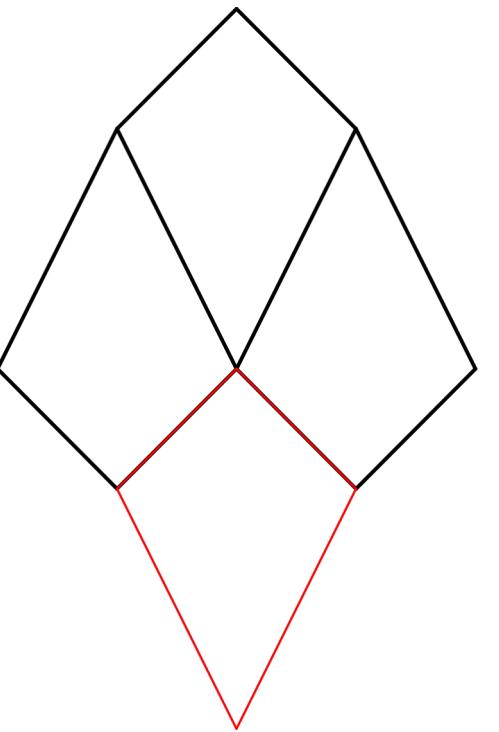
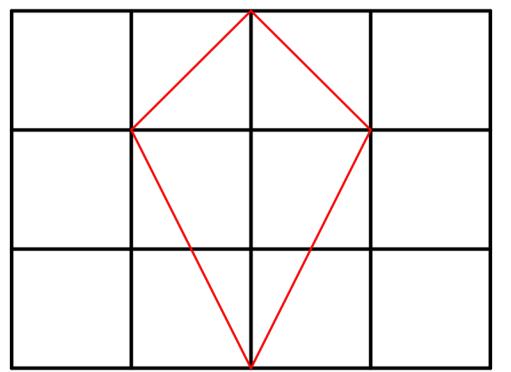
# REFERENCES



Mario Cucinella Architects, WASP, TECLA, Massa Lombarda, 2021  
Miralles Tagliabue EMBT, Ragno flagship showroom, Milan, 2022  
Nendo, Kaleidoscopic Ivy, Tokyo, 2017  
Oscar Niemeyer, Palazzo Mondadori, Segrate, 1968  
Lily Jencks, Nathaniel Dorent, Pulsate, London, 213

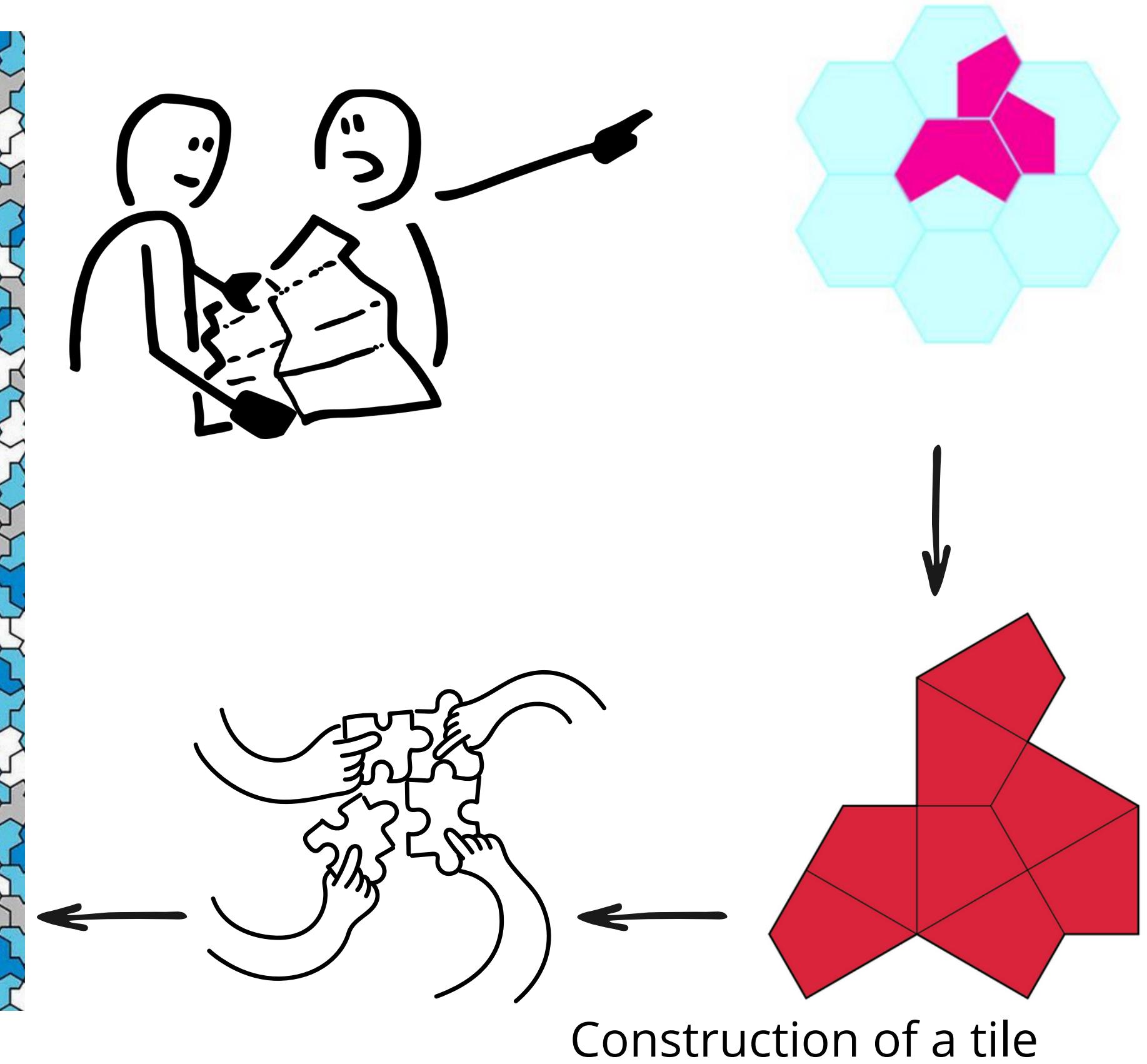
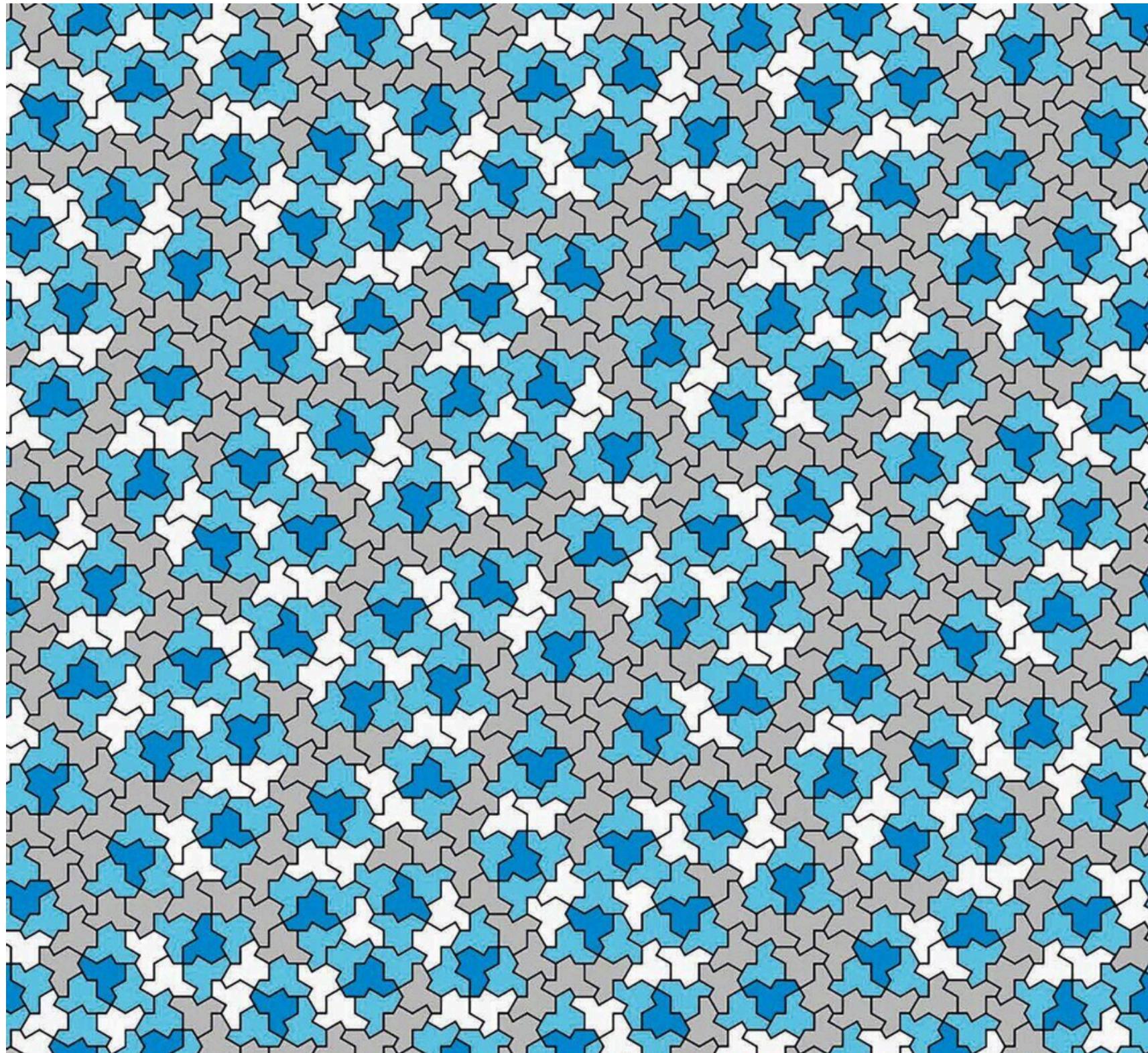
# FIRST IDEA

Proposals for tiles assemblies

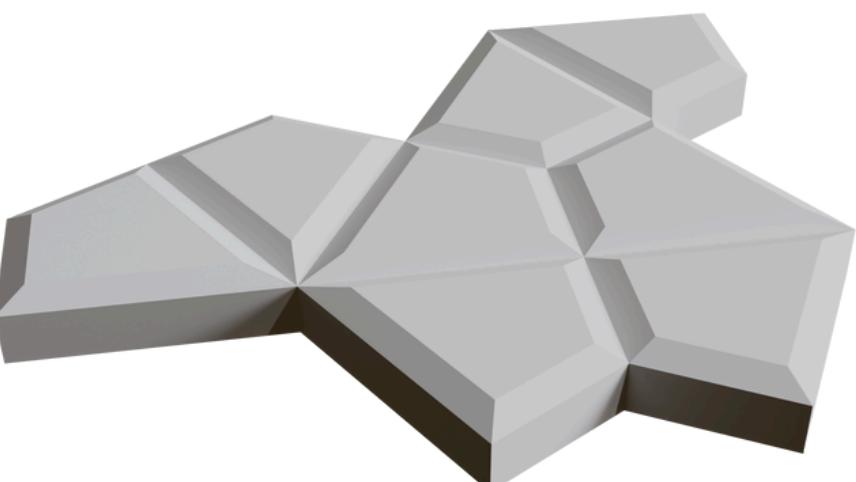
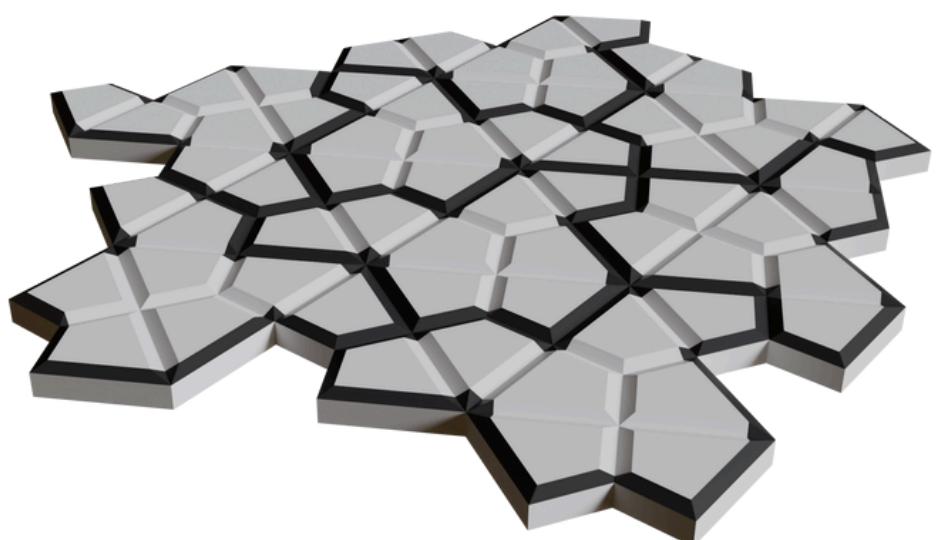
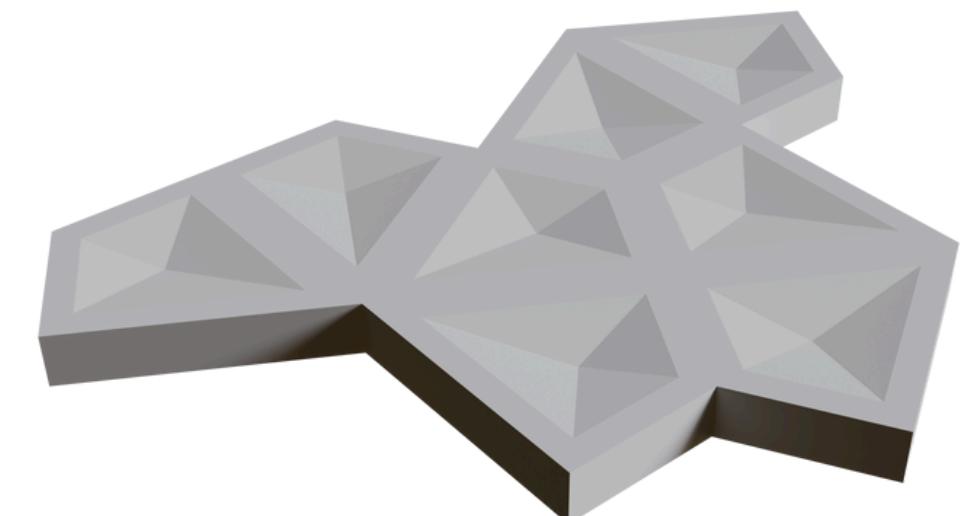
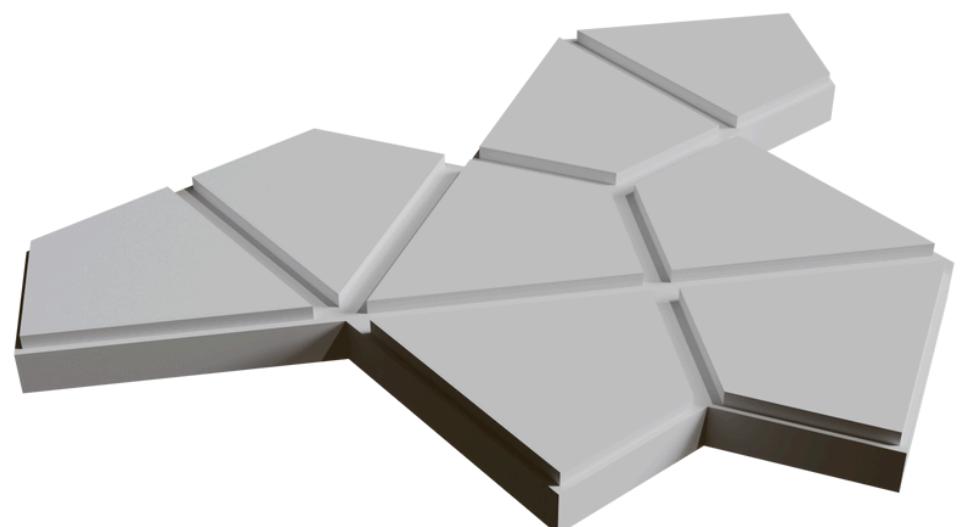
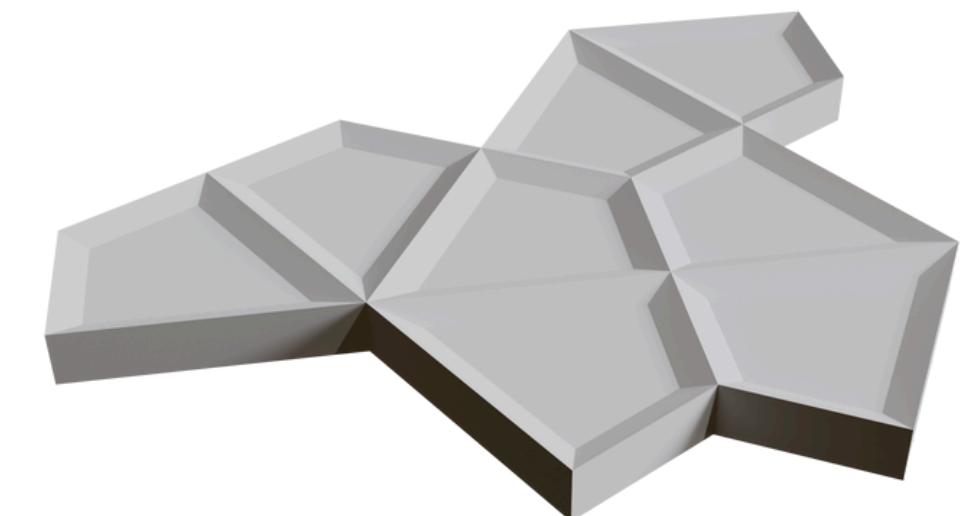
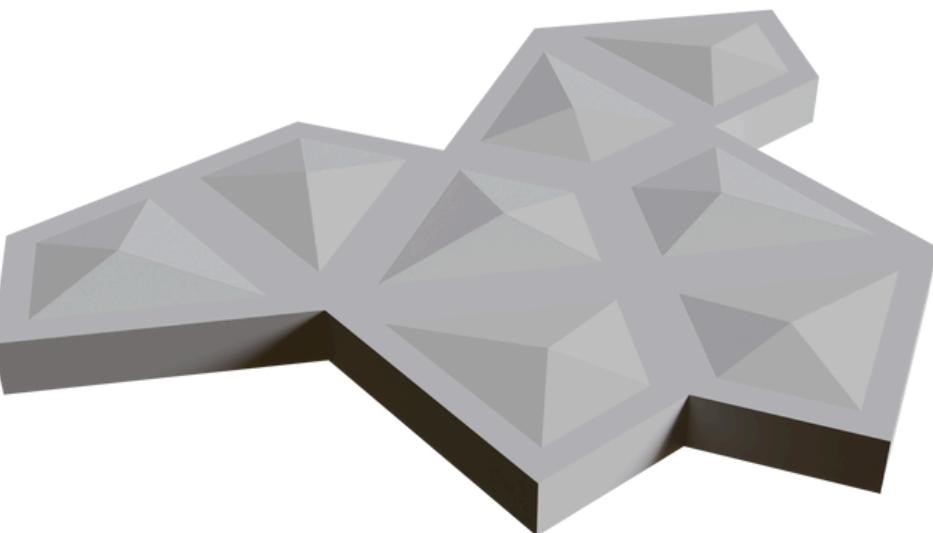
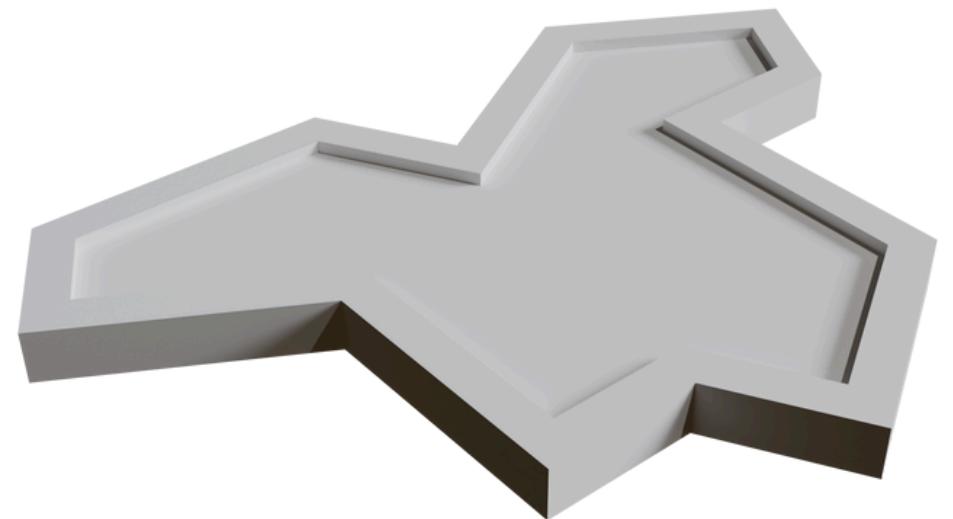


## SECOND IDEA

Aperiodic paving “Ein stein” : David Smith discovered it in March 2023



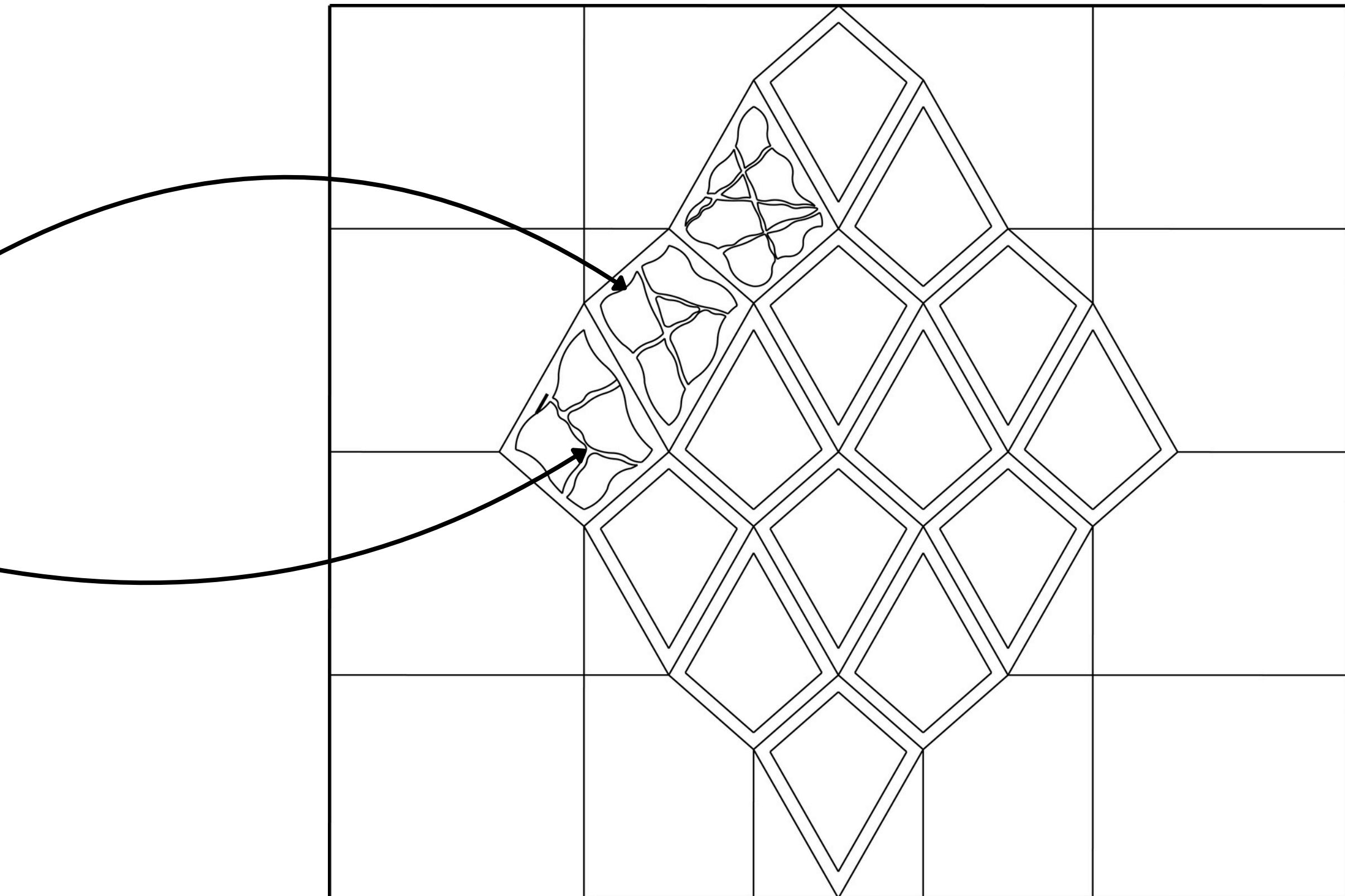
## Proposals for tiles assemblies



# THE DETAILS

Drawn on the  
raw earth tile

Allow water  
circulation



# FABRICATION PROCESS OF A RAW EARTH BRICK



Soil

Technique	Clay	Silt	Sand	Gravel	Rock	Fiber
CEB	20%	15%	45%	10%	5%	5%

+



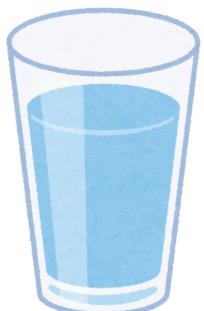
Clay

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Hemp

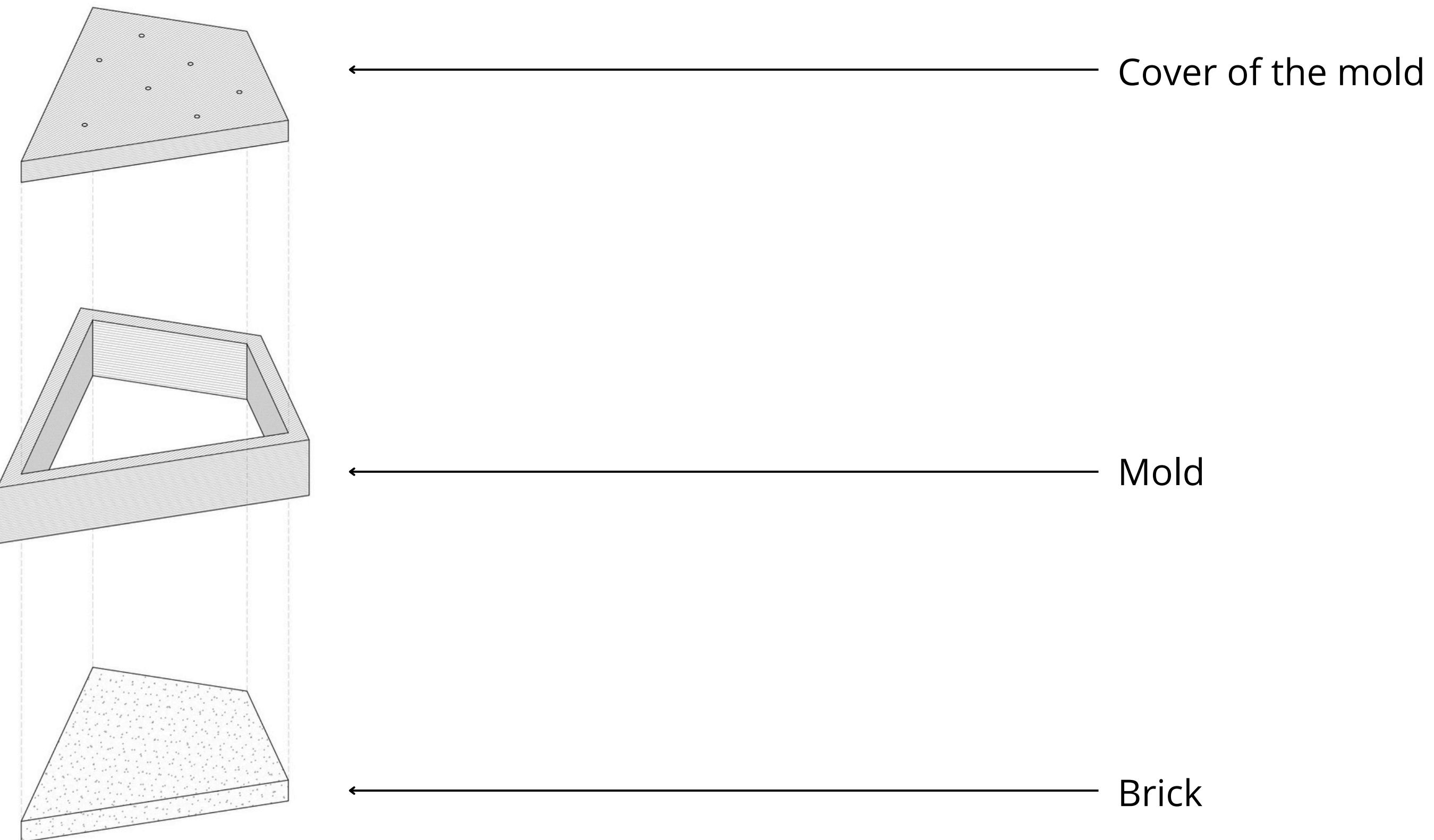
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Water



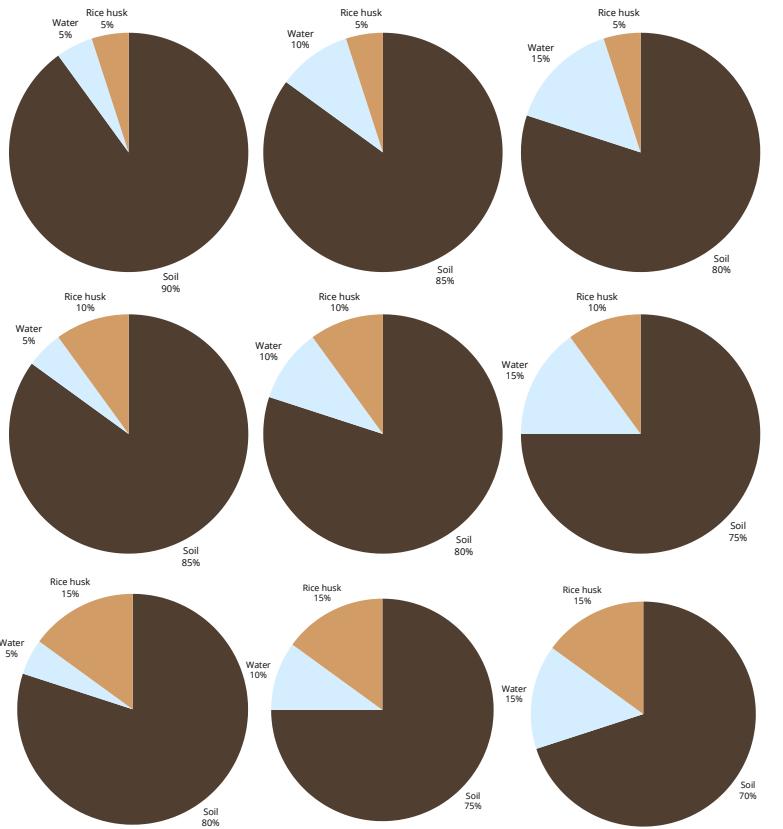
# EXPLODED MOLD



# COMPOSITIONS OF THE EXPERIMENTS



# COMPOSITIONS OF THE EXPERIMENTS



Rice husk



Hemp



Clay

Soil



Turmeric



Paprika



Sulfur

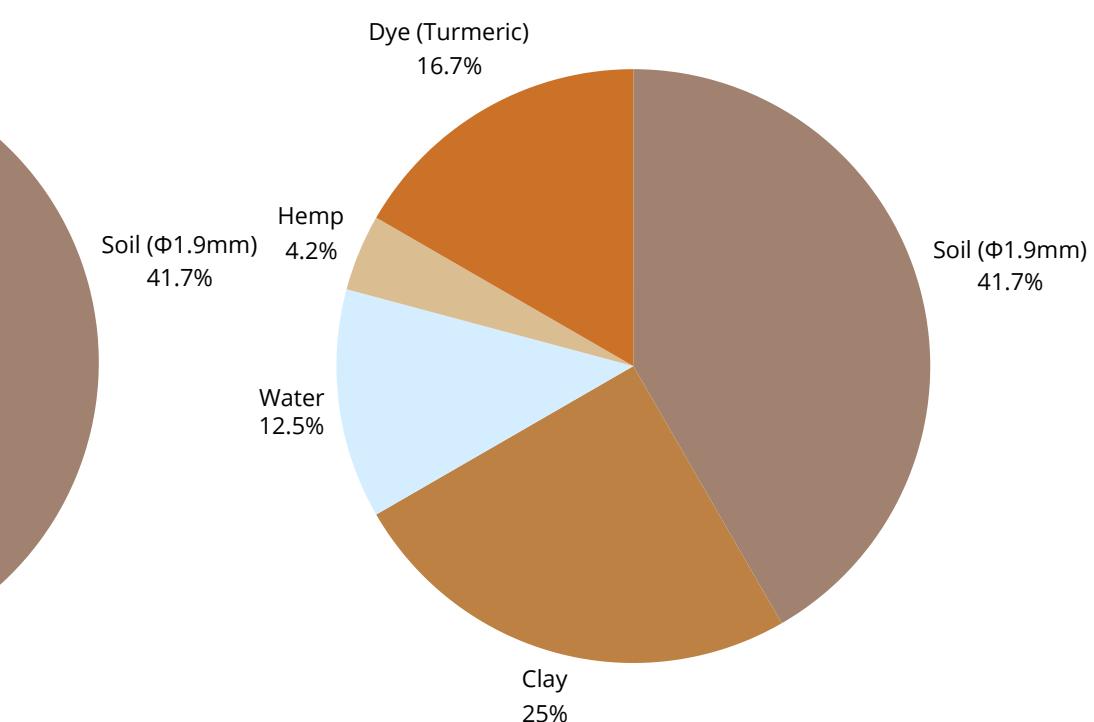
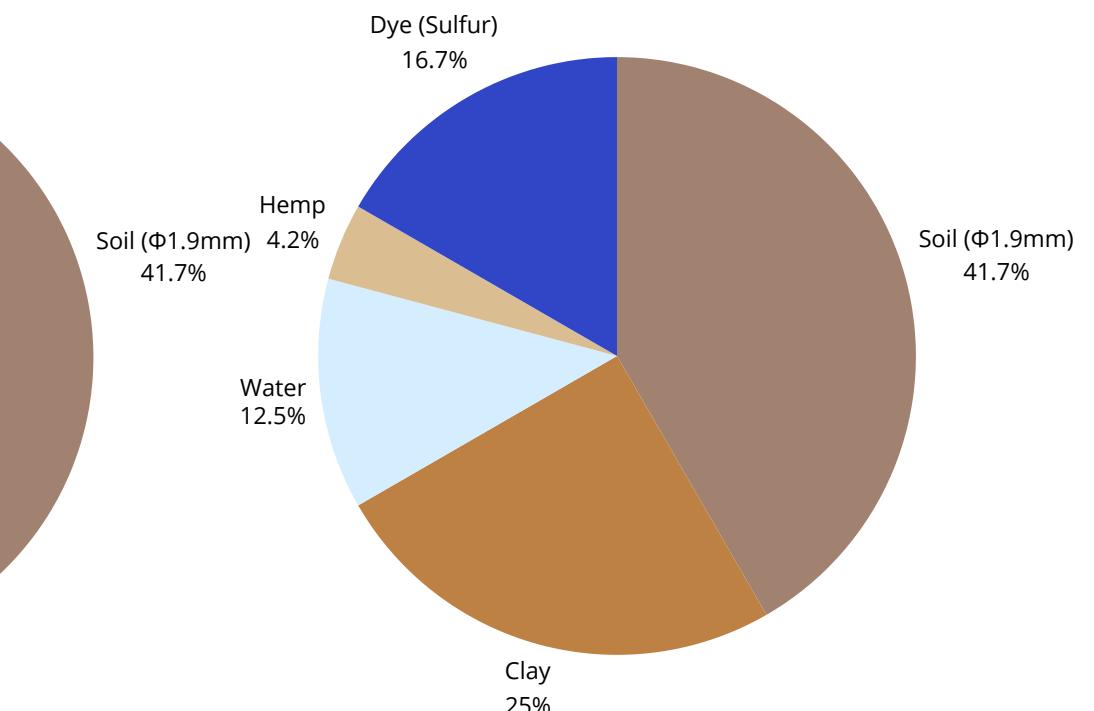
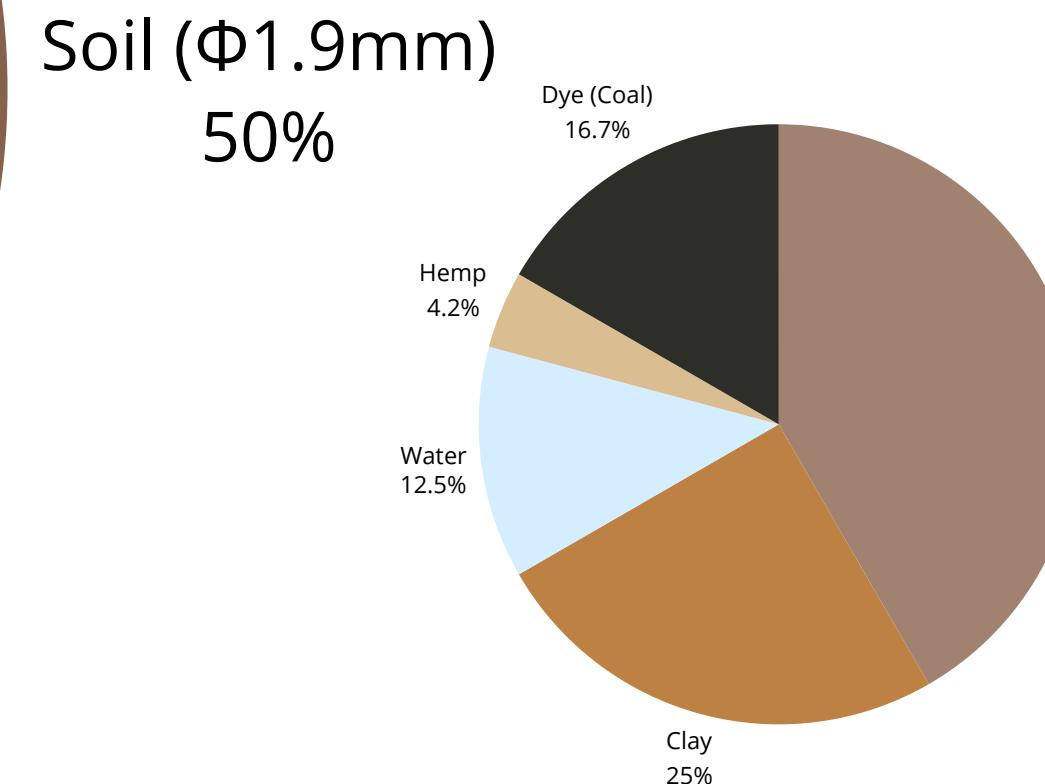
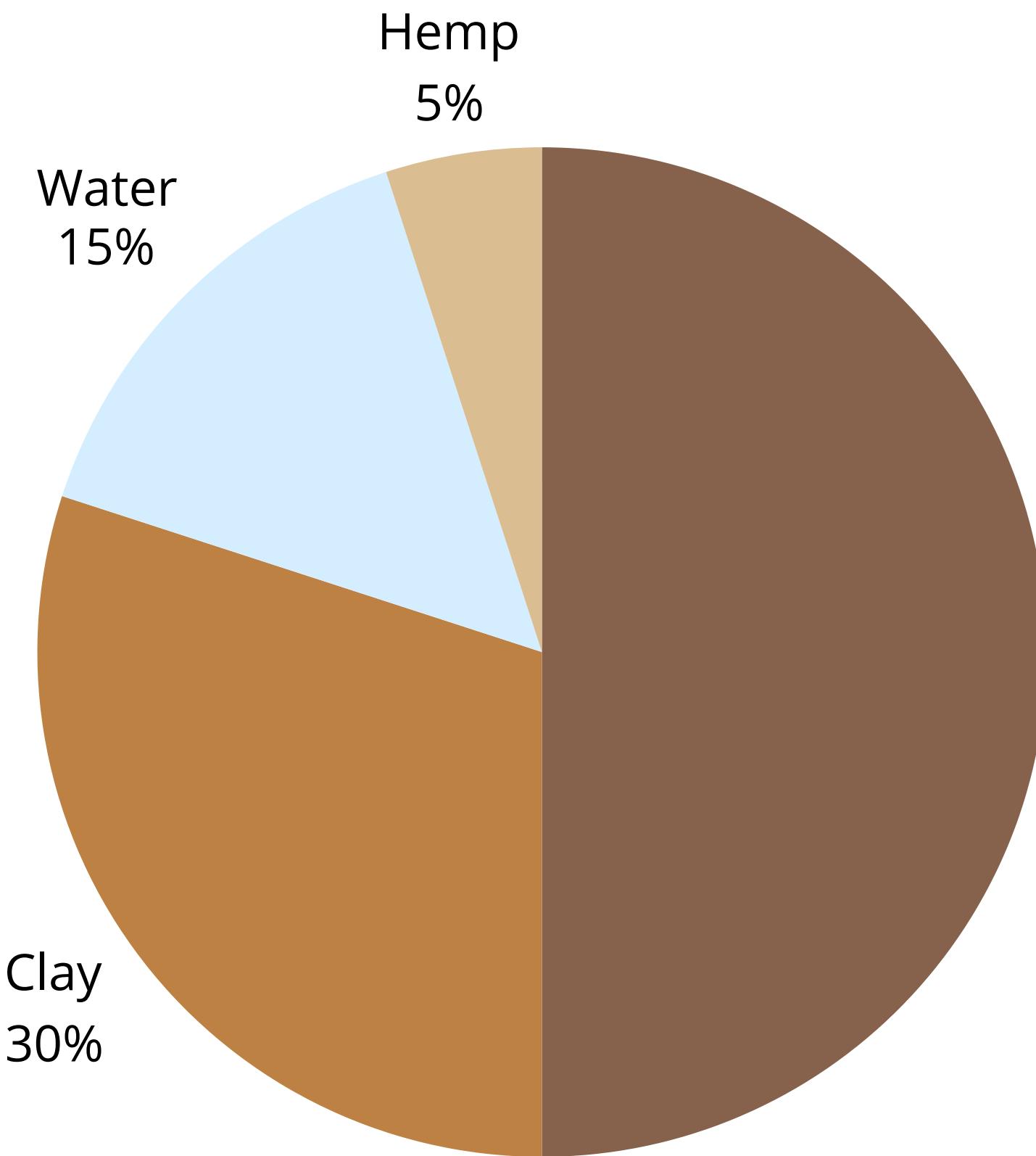


Coal



Beetroot juice

# FINAL COMPOSITION



# THE DIFFERENT COLORS TESTS



# FINAL TILES



**THANK YOU!**

**ANY QUESTIONS?**