

CP143



MOVING-CLOUDS

concrete-in-flow

Problems:

- CLIMATE CHANGE
- ↓
- GLOBAL WARMING
- ↓
- OVERHEATING OF THE CITIES
- ↓
- OVERHEATED PLACES

Answers:

DESIGNED COOLING CONSTRUCTION

DIFFERENT CLOUDING POSSIBILITIES:



low transparency medium transparency high transparency



Modularity

two different sizes makes the clouds expandable and allows many opportunities to design a place or other areas!

Material:
GLASS-FIBER-REINFORCED CONCRETE

- Properties:**
- small profiles possible
 - free-forms possible
 - light weight
 - impermeable



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Functions:

COOLING:

- evaporation of water
- > aircooling

SUN ENERGY:

- save daylight sun-energy through the day with solar panels
- > lightning at night

USEFUL SPACE:

- cooled space for different possibilities
- entering
- relaxing
- cultural events

MOBILITY:

- lightweight material
- rails
- > easy movable

