

WATER IS A FIRM FOUNDATION

MY WATER GENERATOR.COM

It's like having a tap, that never stops running



THE SURFACE IS ALWAYS FLAT AND LEVEL



Closed cell Polyurethane foam is light enough to float on water, but tough enough to crush the metal roof of this car. The Marine foam used in the construction of our decks is biologically inert, does not rot, or decay, and it is suitable for use in either fresh or salt water applications.



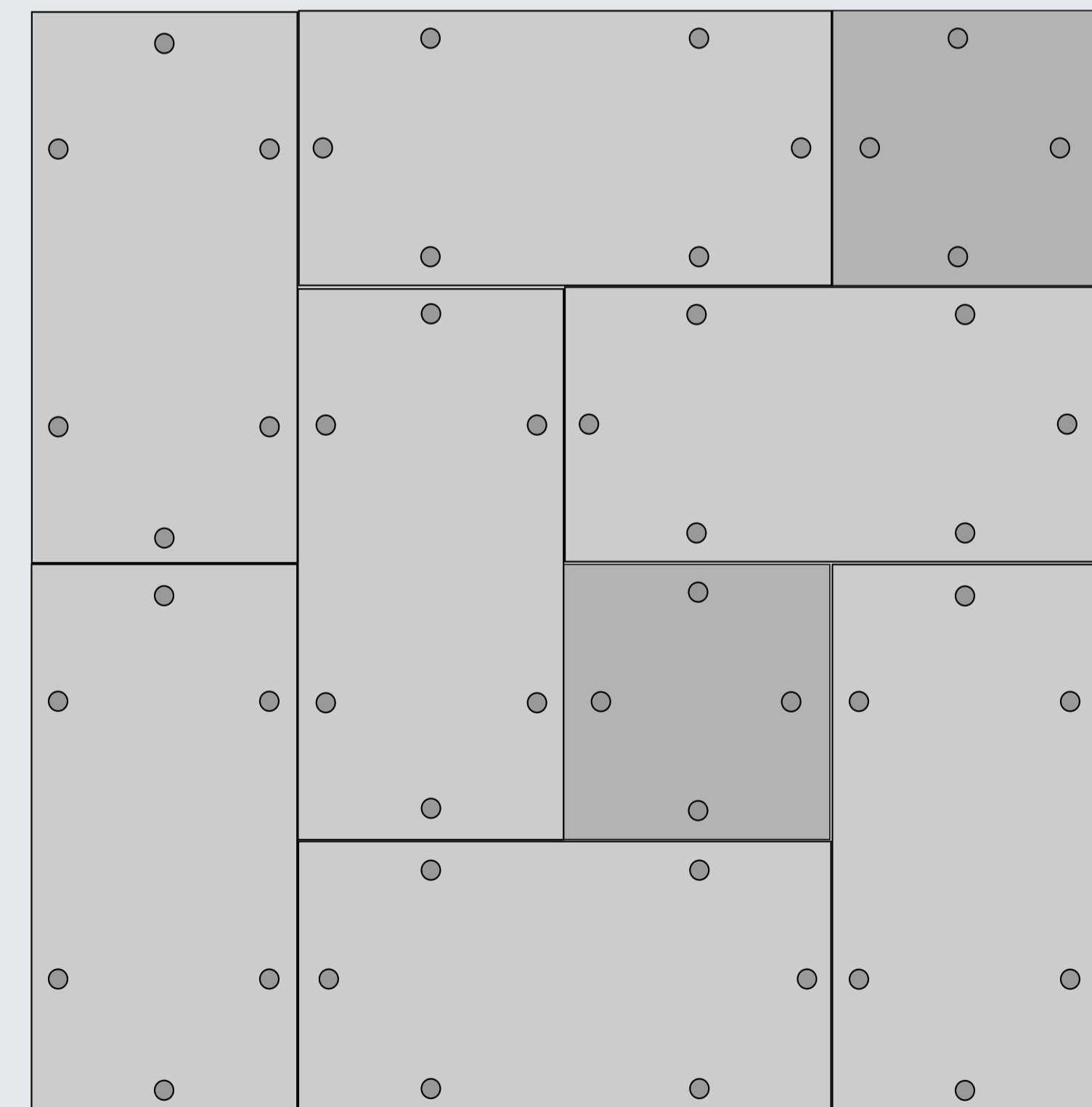
The image shows how the foam performs under extreme conditions. The rising flood water trapped this car in a corner and the buoyancy force crushed the roof. This is one indicator of how tough this foam really is.

My floating platform is a modular decking system that comes supplied with everything you need to start assembly.

Standard panel dimension: 2400cm x 1200cm.
Standard panel thickness: 285mm

PHYSICAL PROPERTY DATA

PROPERTY	UNIT	R-3312	R-3315	R-3318	R-3325	TEST METHOD
Density	lbs/ft ³	12	15	18	25	ASTM D-1622
	kg/m ³	192	240	288	400	
Compressive Strength (75°F)	psi	400	720	960	1,750	ASTM D-1621
	kPa	2,750	4,950	6,600	12,100	
Tensile Strength	psi	430	680	820	1,500	ASTM D-1623 Type A Specimens
	kPa	2,950	4,700	5,650	10,300	
Shear Strength	psi	380	525	640	1,100	ASTM C273 in Compression *Modified sample size - 0.25"x1.0"x3.0"
	kPa	2,600	3,600	4,400	7,600	
Flexural Strength	psi	580	920	1,220	1,900	ASTM D-790 Method 1-A
	kPa	4,000	6,350	8,400	13,100	
Coefficient of Thermal Expansion (CTE)	in/in-°F	32 X 10 ⁻⁶				From -50 to +200°F, GP Method
	m/m-K	58 X 10 ⁻⁶				
Max Use Temperature	°F	230				
	°C	110				
Hydrostatic Performance	% Wt Gain	<5% @ 135psi	<5% @ 300 psi	<5% @ 300 psi	<5% @ 530 psi	GP Method



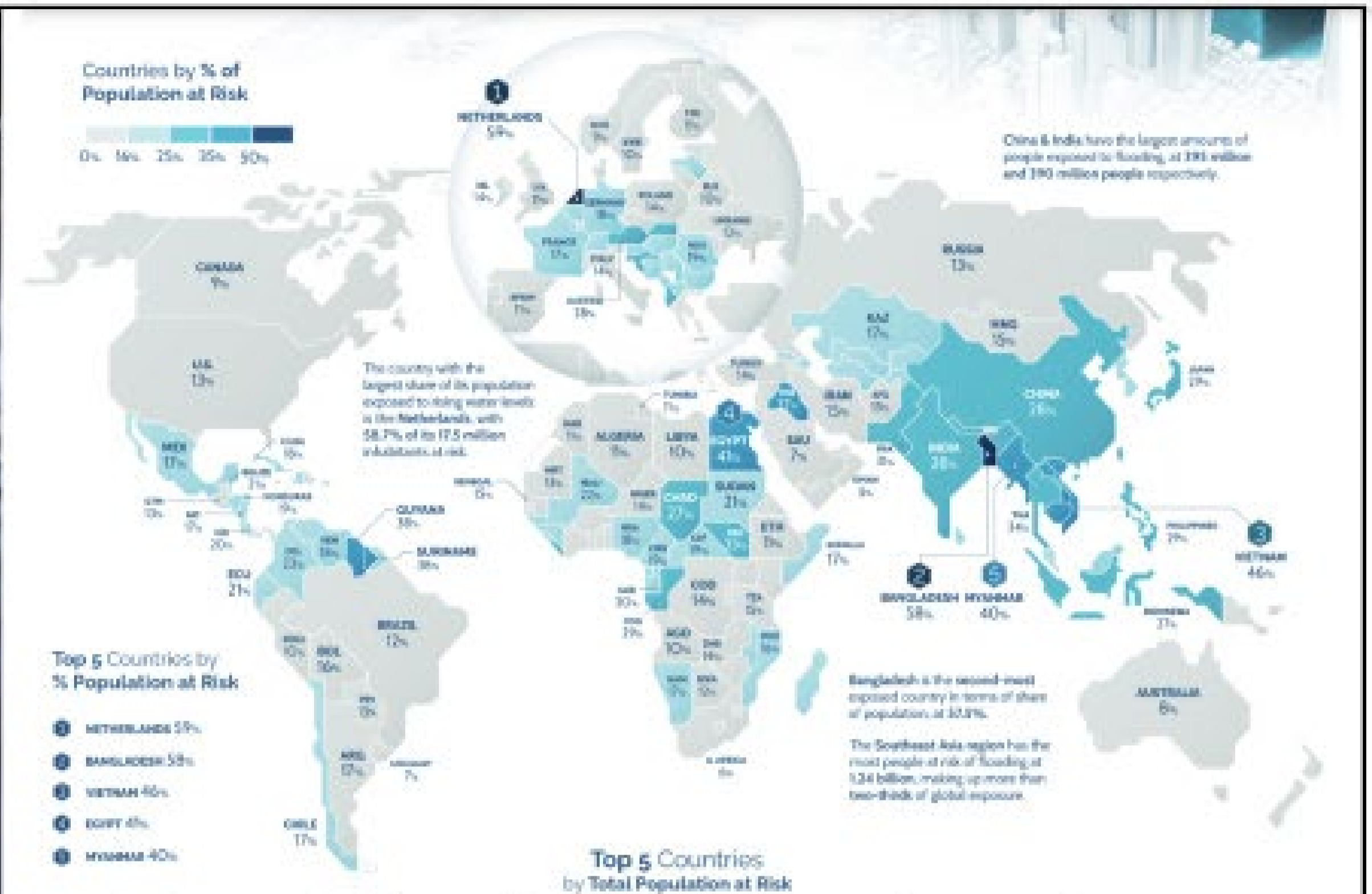
FLOOD PROOF HOUSING SOLUTIONS

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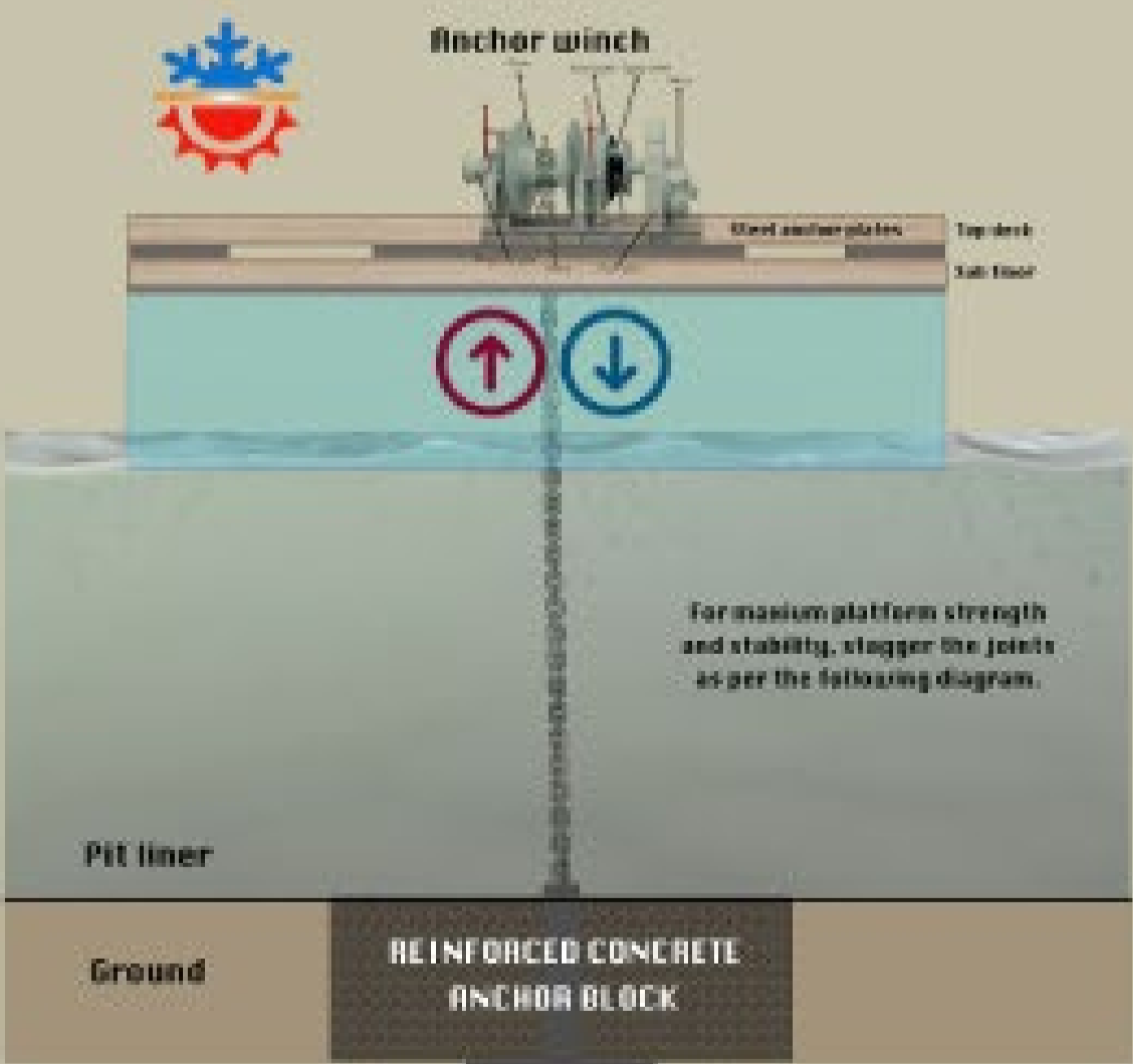
A foundation that never rots or decays.

ADVANTAGES

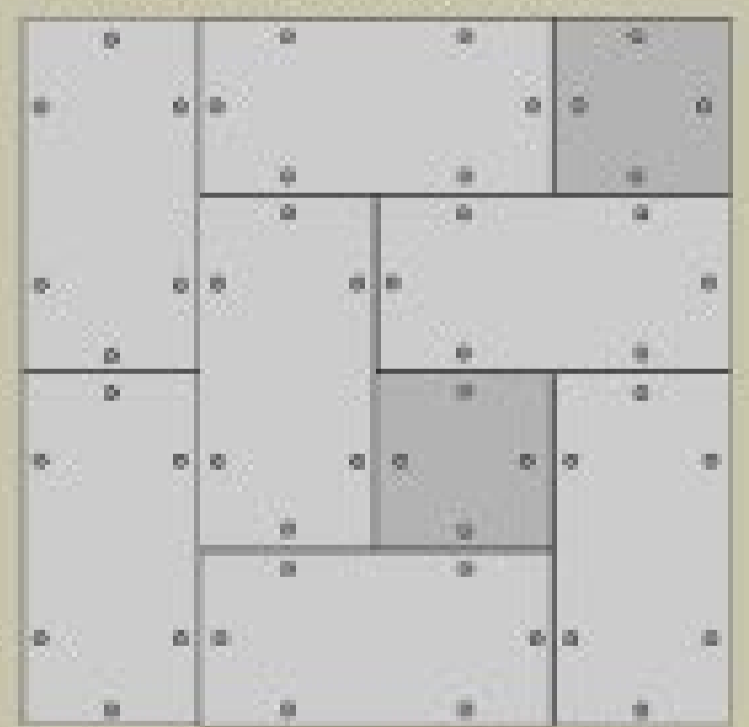
- Easy to machine, coat*, and paint
- Provides buoyancy with depths to 1,200 feet (366 meters) uncoated*
- Dimensionally stable
- Excellent compressive and insulation properties
- Resistant to hydrostatic pressure
- High impact resistance
- Biologically inert
- Oil, grease, and solvent resistant
- Cost-effective solution
- Does not rot or decay
- Performs in freshwater or saltwater
- Compatible with many types of adhesives
- Max use temperature of 230°F (110°C)



MY FLOATING PLATFORM ~ MODULAR SYSTEM



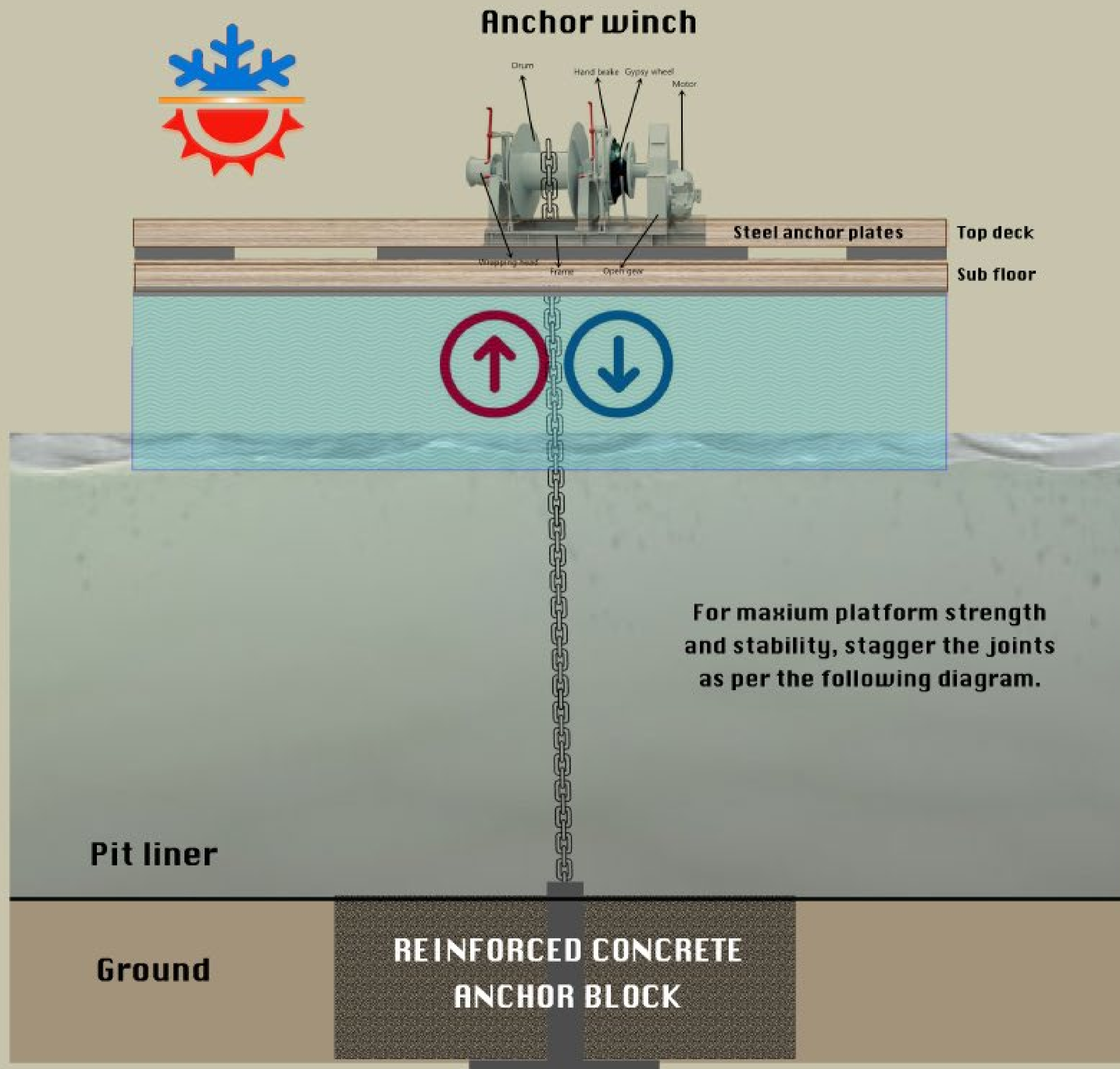
RECOMMENDED DECK LAYOUT



For maximum platform strength and stability, stagger the joints as per the following diagram.

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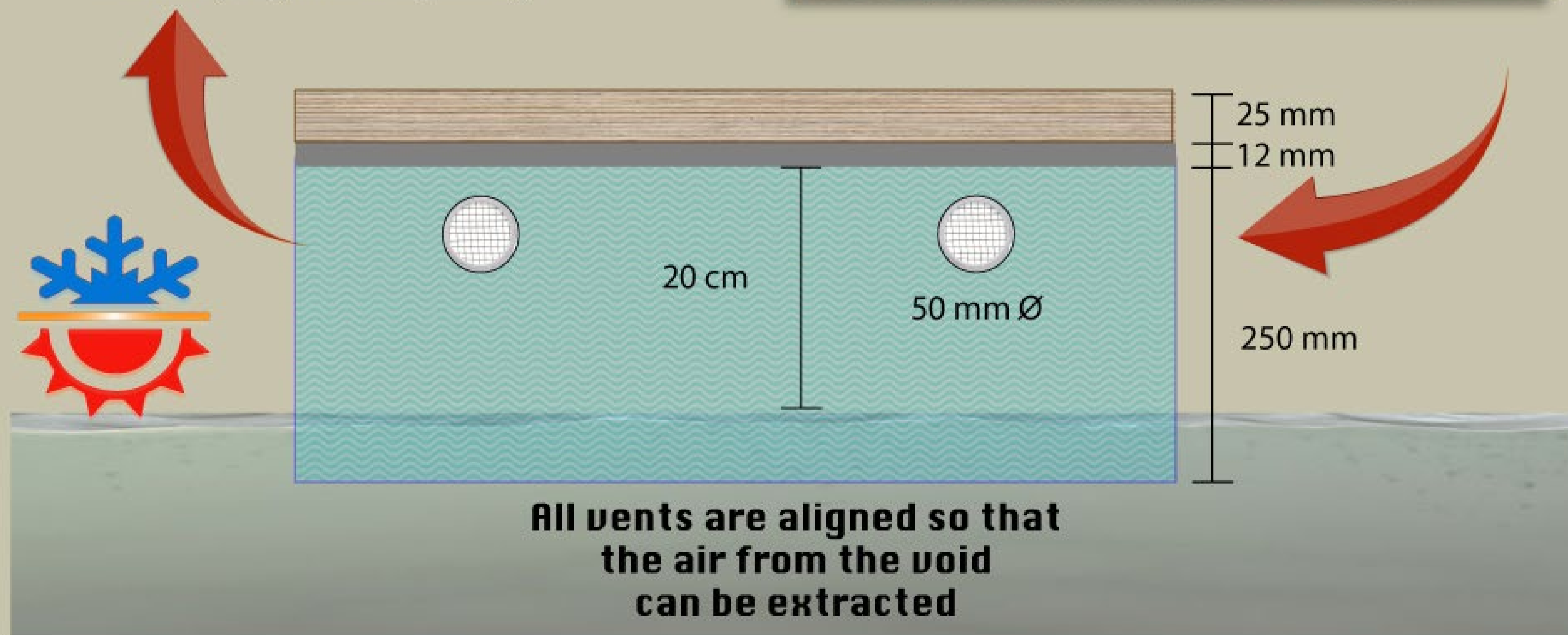
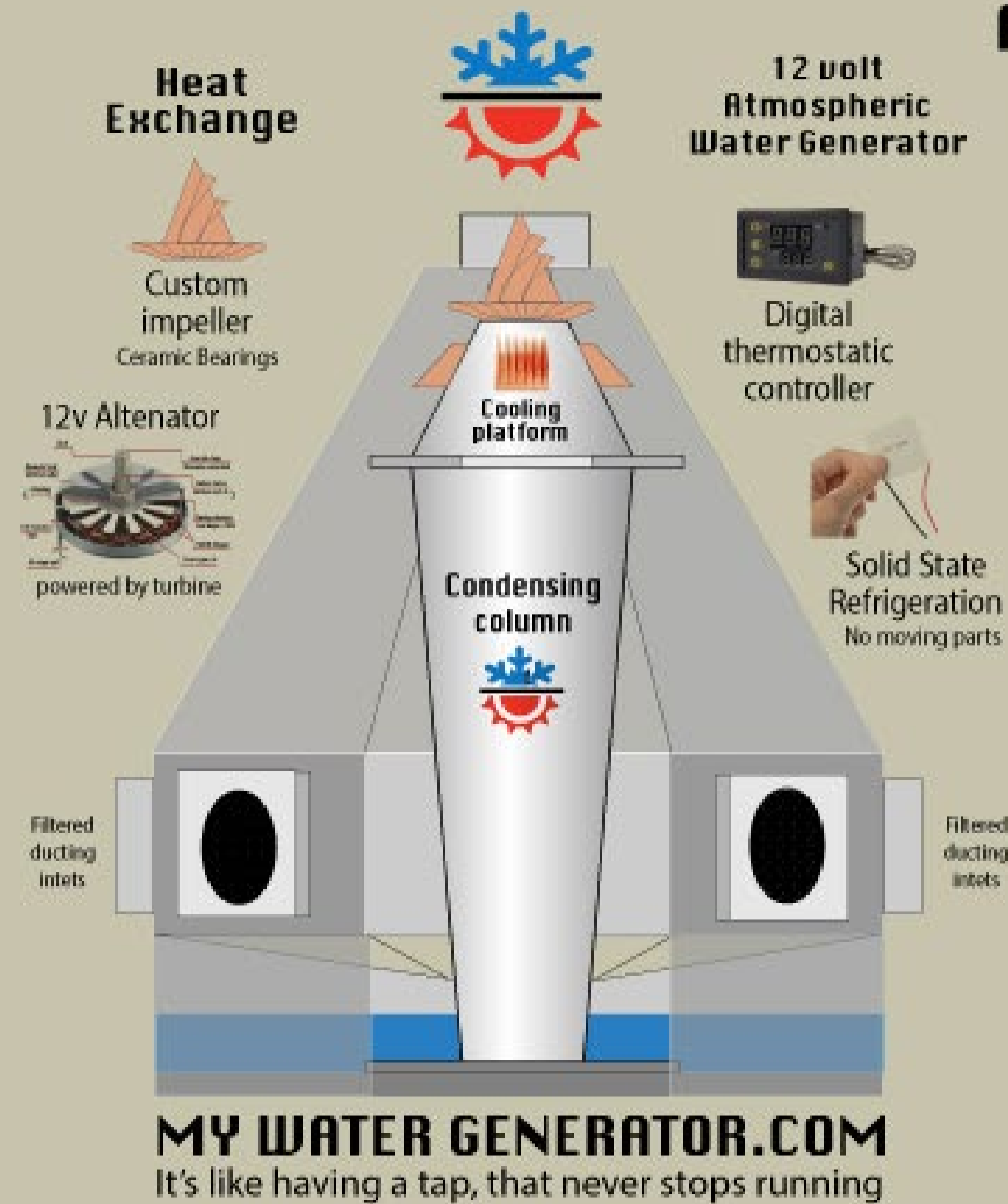
FLOOD PROOF HOUSING SOLUTION

ADVANTAGES

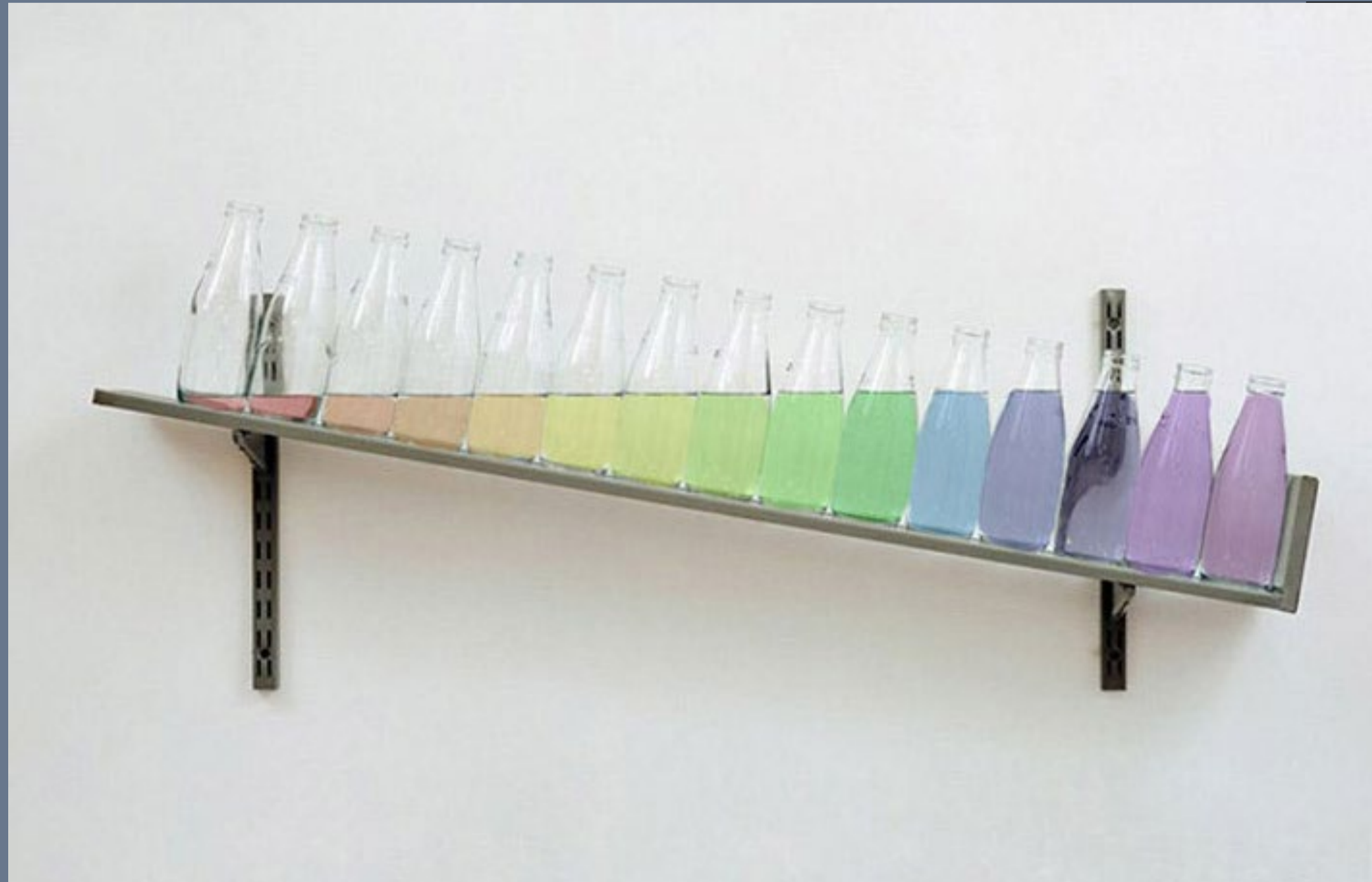
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FLOATING PLATFORM MODULAR SYSTEM

A platform measuring 120m x 120m (14,400/m²)
contains the following volume of air
21,600/m³ (assuming a void height of 15cm)
28,800/m³ (assuming a void height of 20cm)



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AQUA CULTURE

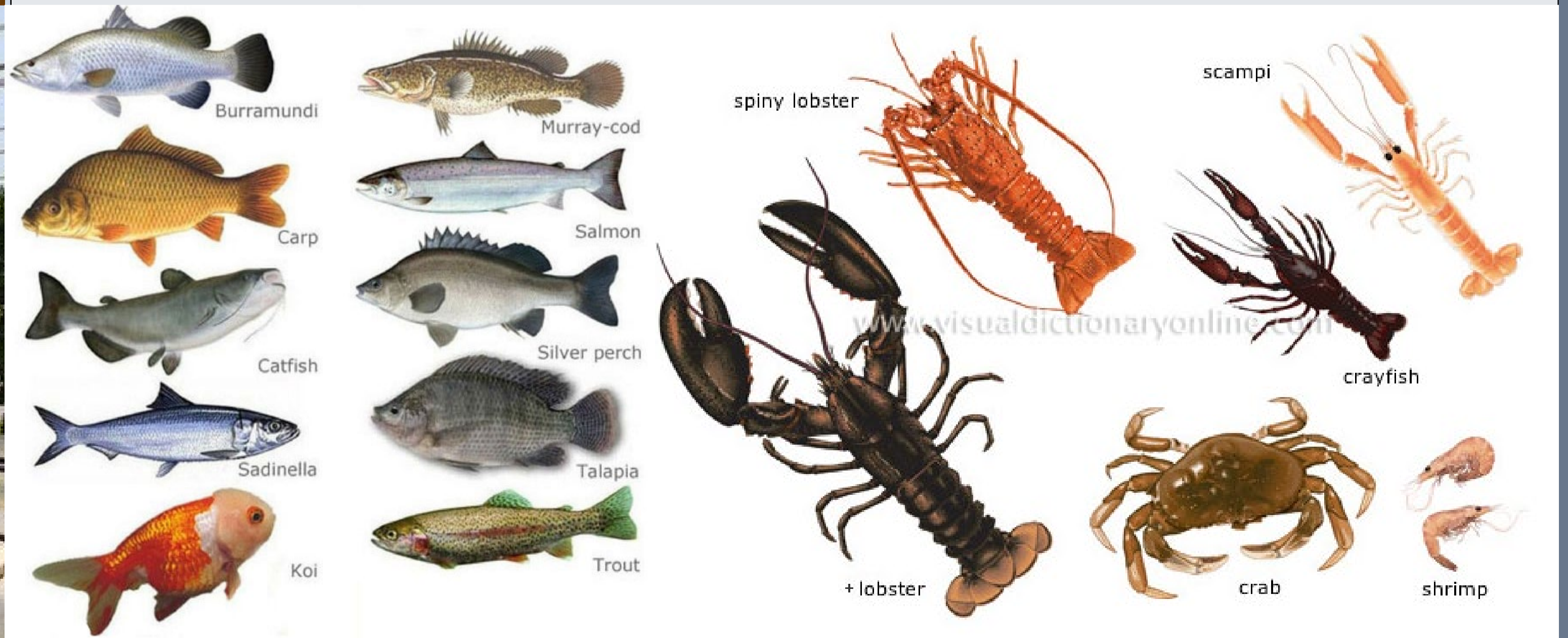
The surface of still water is always perfectly flat and level.

Ancient cultures used to grow food on top of water, the same system still works to this day. Aquaponics is a co-operation between plants and fish. Hydroponics is a way of growing plants without soil. In both cases the plants derive all the nutrients they need from the water the plants are growing in.



In an aquaponic system, beneficial bacteria convert fish waste into nutrients that nourish the plant. In turn, the plants extract the nutrients from the water which helps to keep it clean. The relationship is entirely symbiotic.

Nature knows what to do, all we have to do, is provide the right conditions.



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