



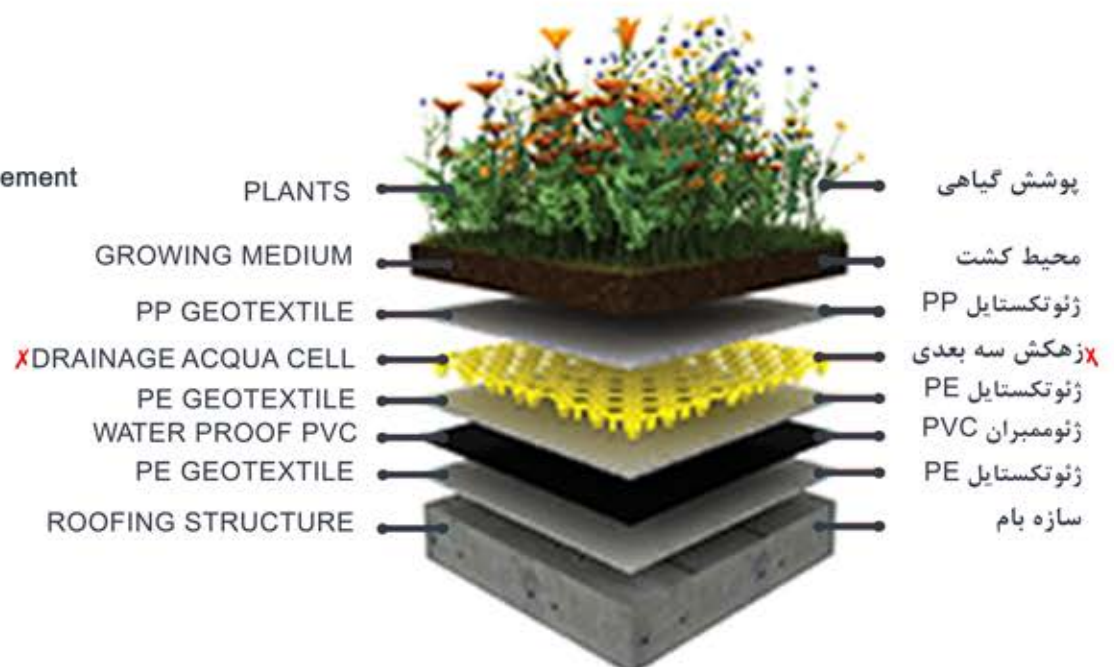
## Roof Garden & Yard drainage system with Three-dimensional drainage of **A.K.I Drain**



3D drainage networks Polypropylene panels that are used to drain fluid flow with high permeability (Flow Rate) and with the help of fasteners and tabs on their body, are easily connected to each other and drainage plates with They create the desired dimensions. Despite the large open space at the cross-section of the drains, their design has provided them with a large compressive capacity

### Applications

- Soil protection of buildings
- Structures Efficient water management
- Vertical water management
- Long life






## Technical specifications of 3D Drain:

ROW	PROPERTY	TEST METHODE	VALUE BASED ON	LAB RESULT
1	Thickness , (min ave) , (in)	ASTM D5199	< 0.33	0.057
2	Tensile strength, (min ave), (lb)	ASTM D7179	50	57
3	Compressive strength, (min ave), (lb/ft2)	ASTM D6364	1000	1125
4	Flow rate, (min ave) (gal/min-ft)	ASTM D4716	10	14

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