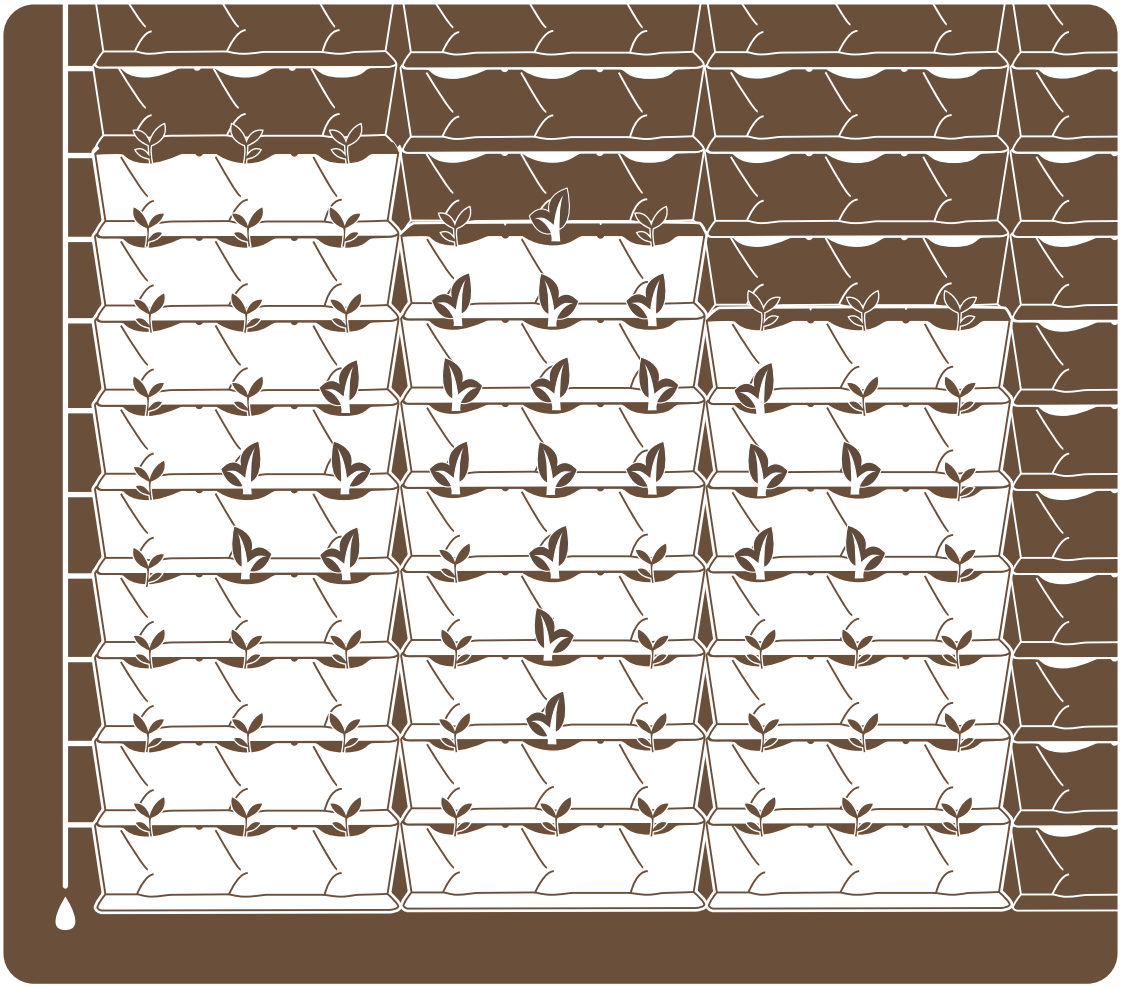
URBAN GREEN REVOLUTION

minigarden®

INSTALLATION MANUAL

STANDARD INSTALLATION GUIDE FOR A SINGLE PLAN



pag.

Content

2 Content

3 1. Checking the support conditions for installing Minigarden

4 2. Planning and marking

5 2.3 Special / Optional cases

6 3. Base assembly

7 4. Planting

8 5. Module assembly

9 6. Module attachment
Vertical

10 6. Module attachment
Vertical & Corner

11 Irrigation
7. & 8. Preparing and assembling the drip-feeding pipe

12 9. Setting up the irrigation system

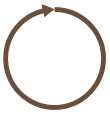
13 10. Connecting the drip-feeding pipe to the vertical distribution pipe

11. Cleaning

14 12. Clip fitting
13. Lid assembly
14. Steps to repeat to finish the Minigarden assembly

15 List of required materials for the Minigarden assembly

check the plan


repeat the process

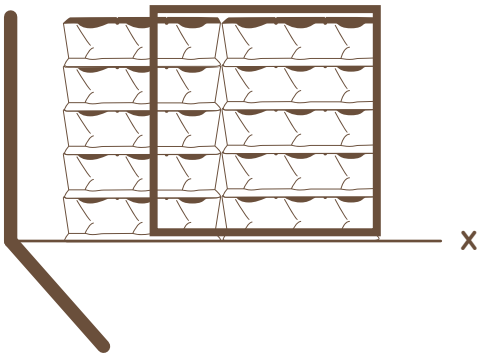
connector

irrigation point - water source

- Please read the entire manual before the assembly;
- This good practice manual is only meant to help assemble Minigarden green walls;
- It does not contain all the information necessary to complete the projects;
- Minigarden assumes no responsibility for projects completed with the exclusive help of this manual.

1. CHECKING THE SUPPORT CONDITIONS FOR INSTALLING MINIGARDEN

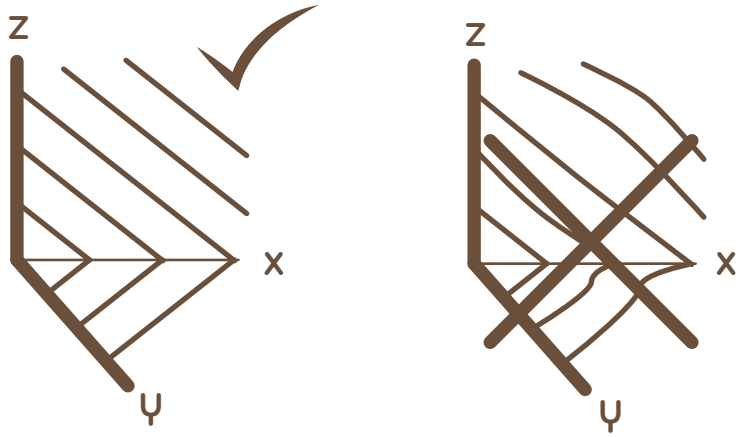
1.1



$1m^2$ >/= 73Kg

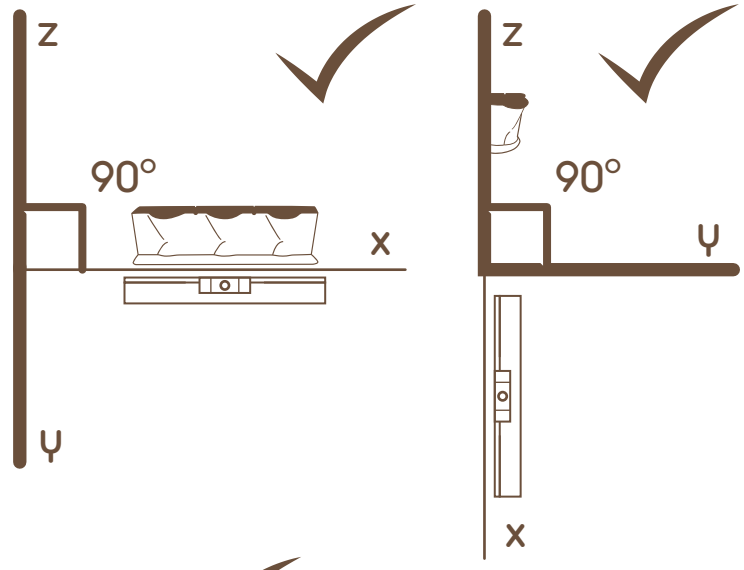
Minimum load that the base frame has to bear per square meter.

1.2

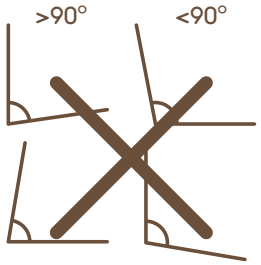


Vertical and horizontal plan evenness.

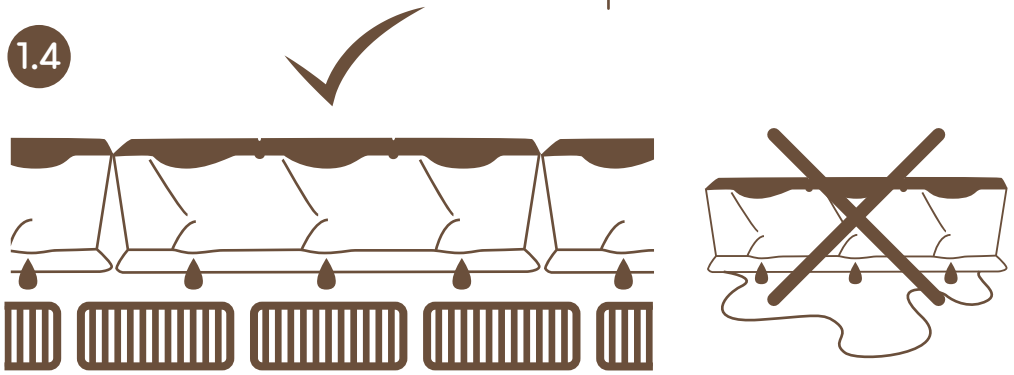
1.3



Check horizontal, vertical and angular placement.



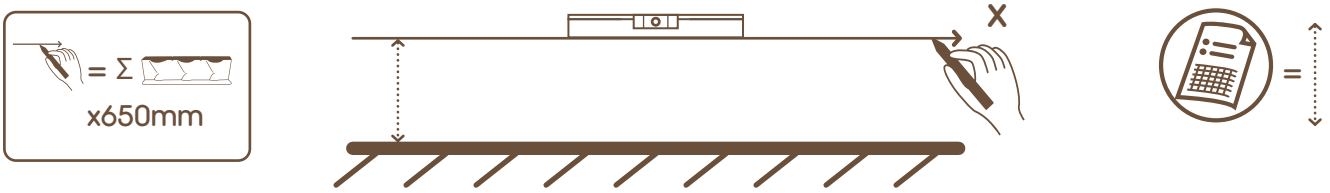
1.4



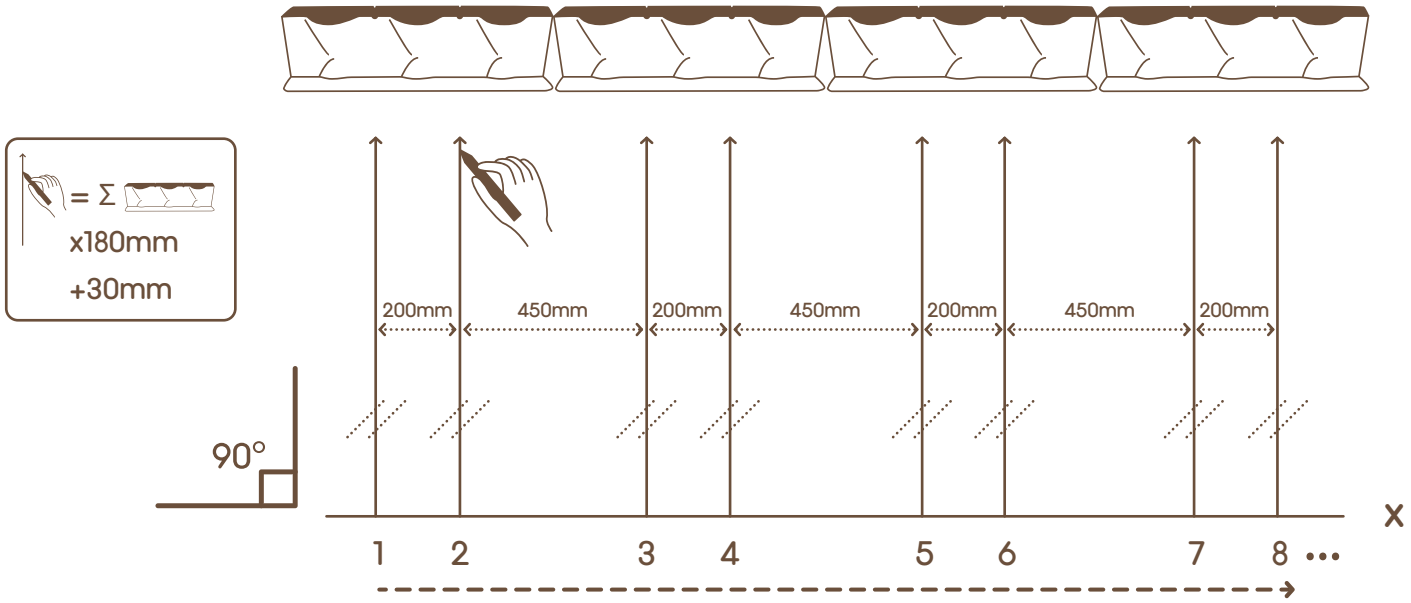
Ensure proper drainage conditions.

2. PLANNING E MARKING

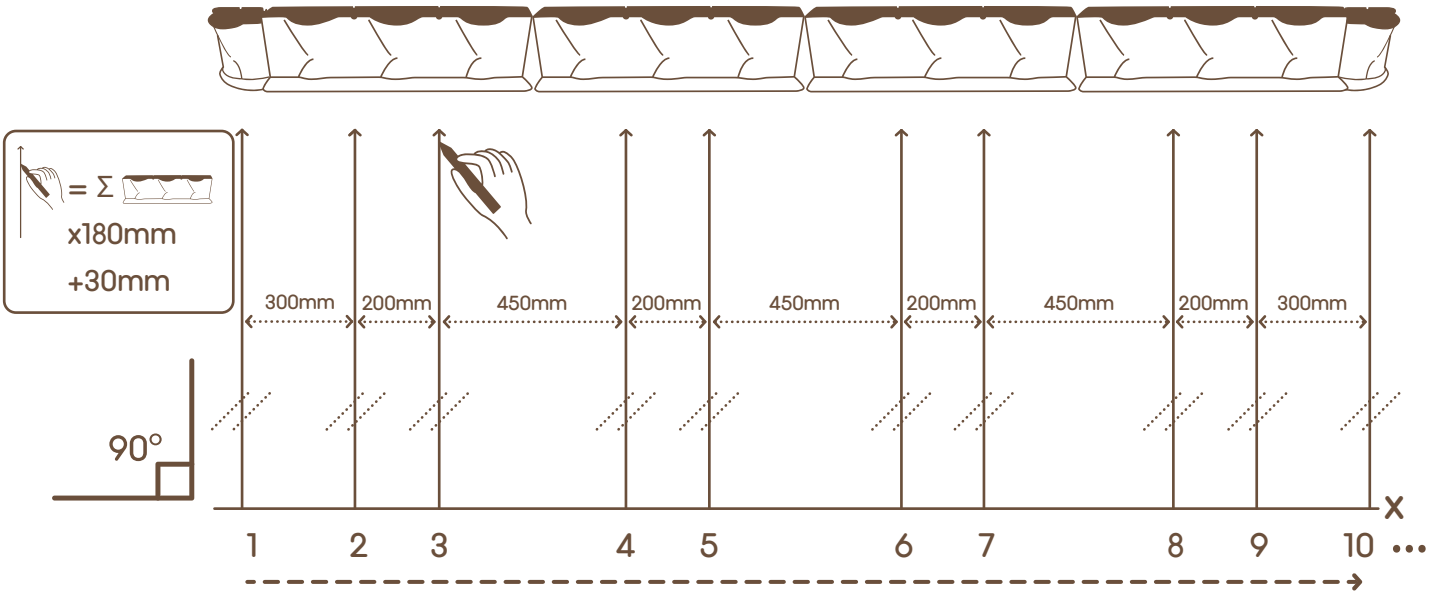
2.1



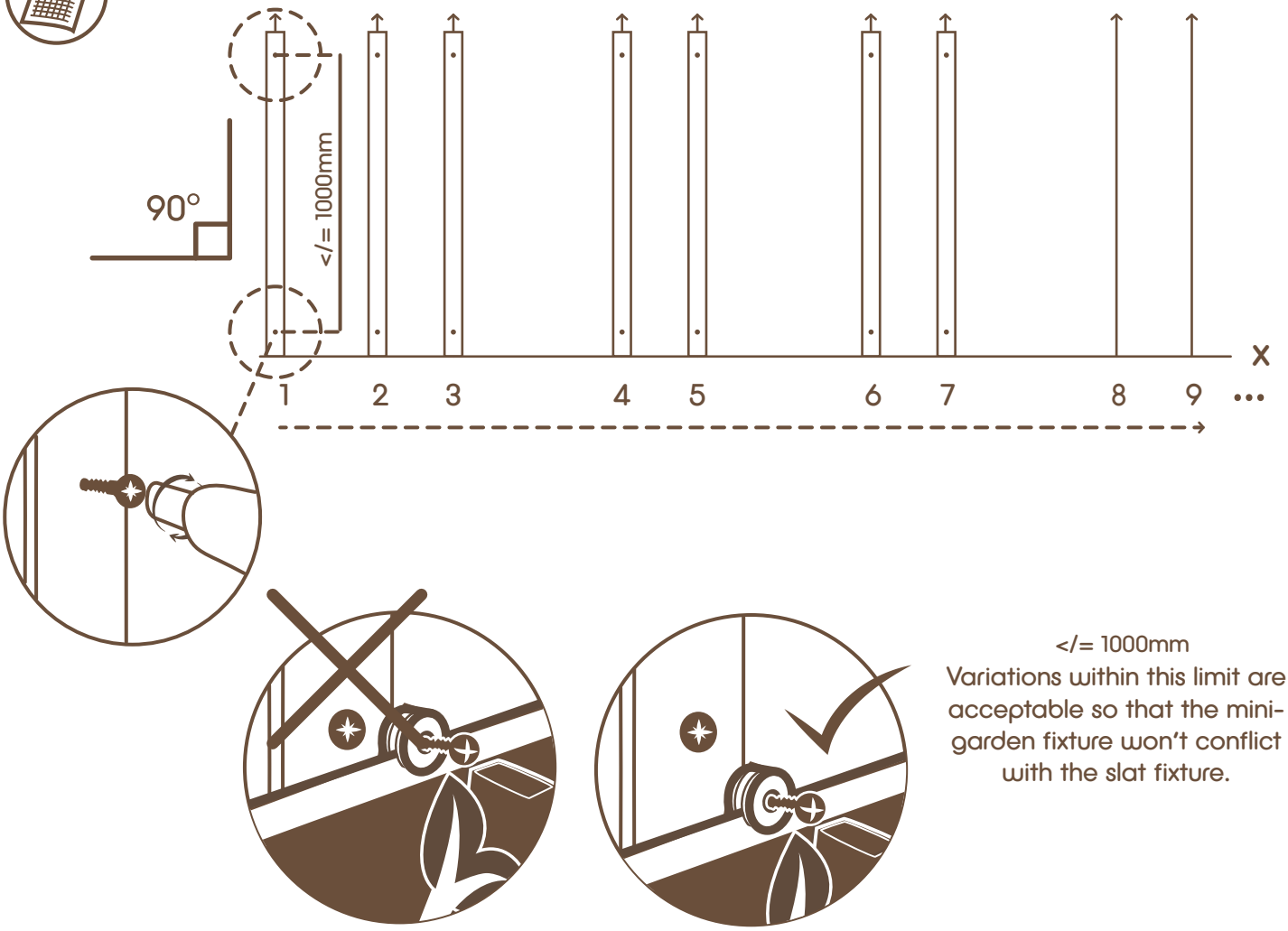
2.2 VERTICAL



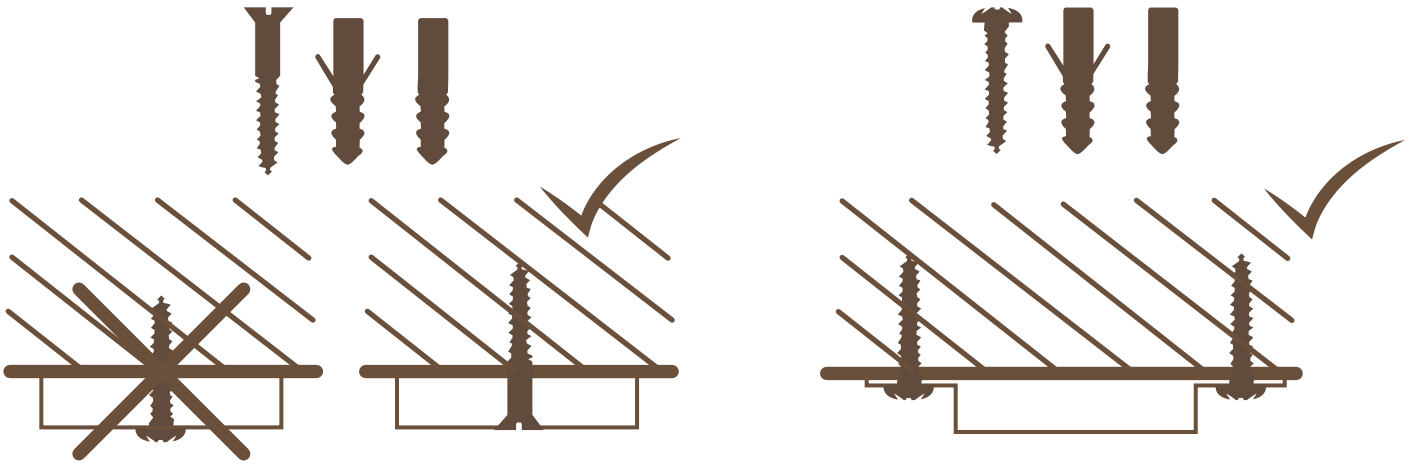
2.2 VERTICAL +CORNER & VERTICAL +CORNERs



2.3 SPECIAL / OPTIONAL CASES



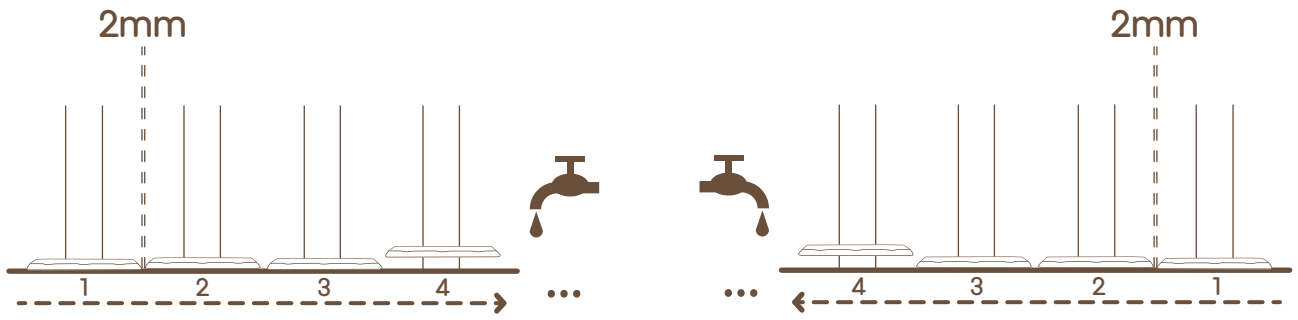
</= 1000mm
Variations within this limit are acceptable so that the mini-garden fixture won't conflict with the slat fixture.



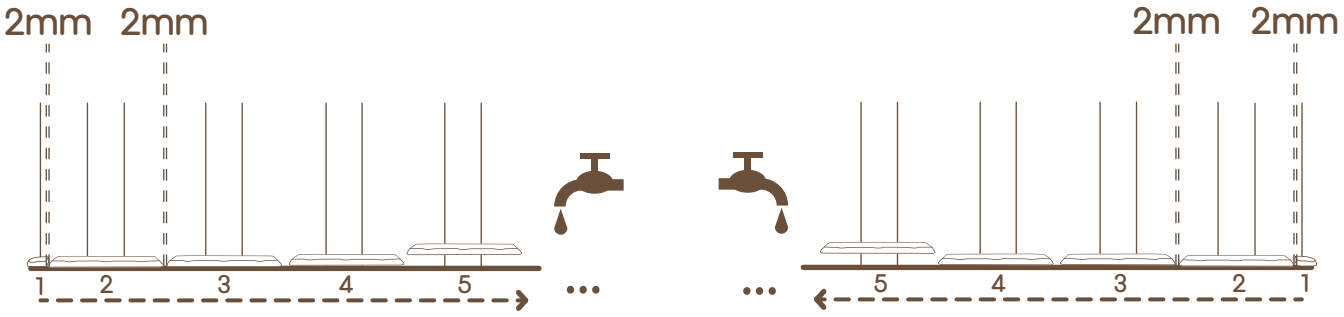
3. PLATE ASSEMBLY

Assemble in the direction of the water entry point.

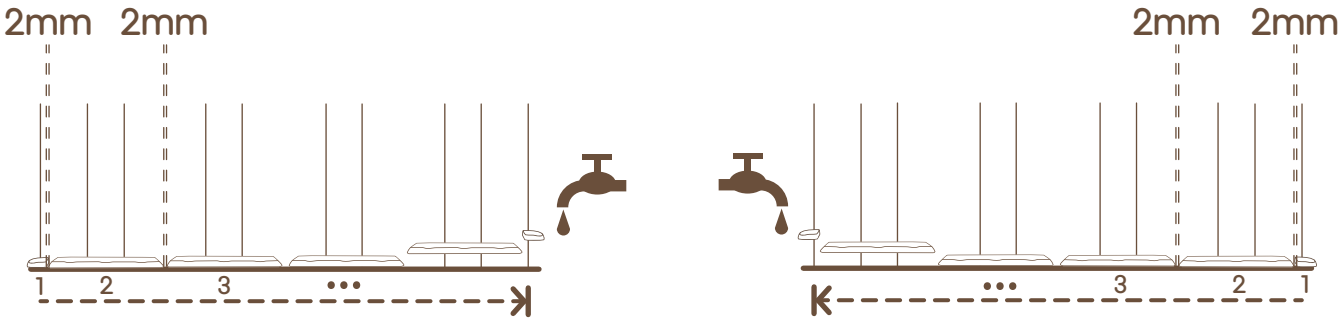
3 VERTICAL



3 VERTICAL +CORNER

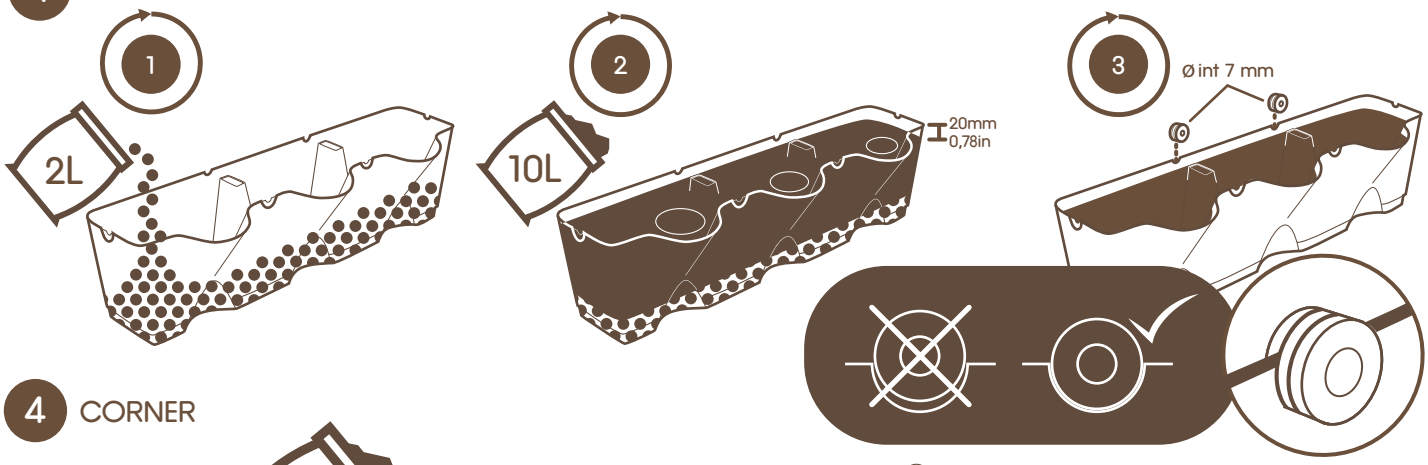


3 VERTICAL +CORNERs

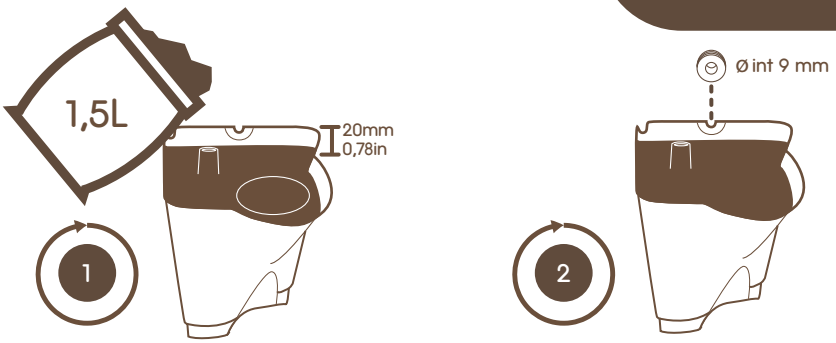


4. FILLING

4 VERTICAL



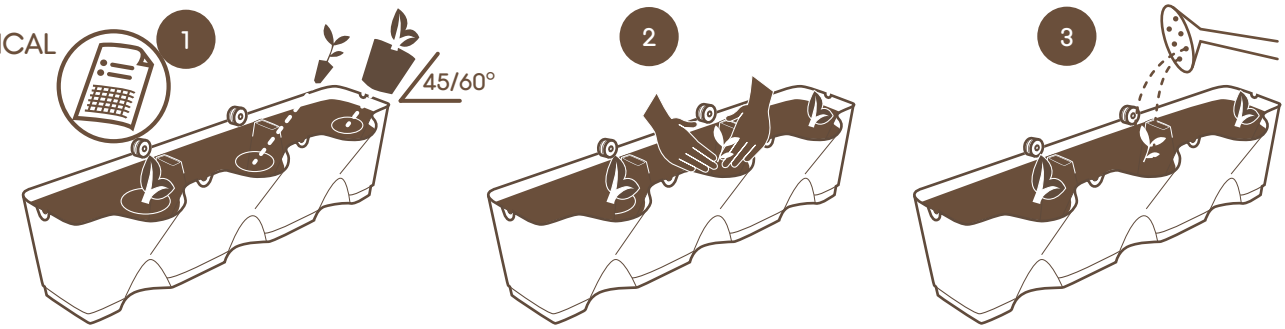
4 CORNER



Only attachment clips.

5. PLANTING

5 VERTICAL

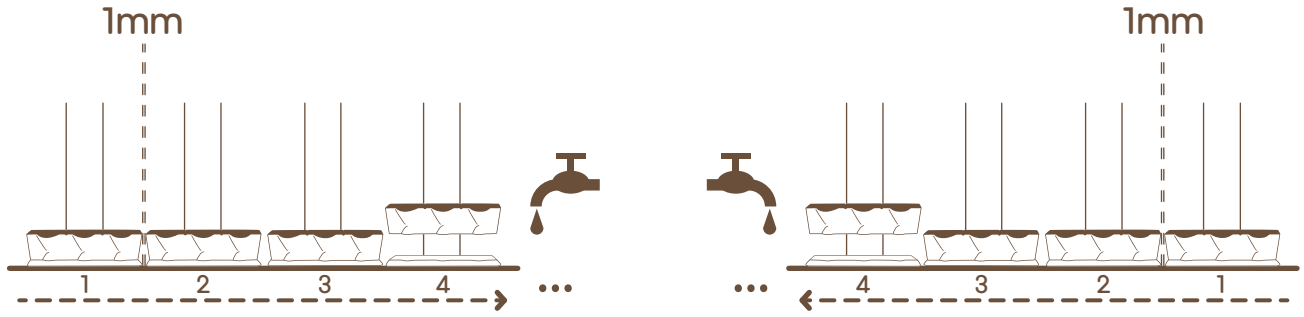


5 CORNER

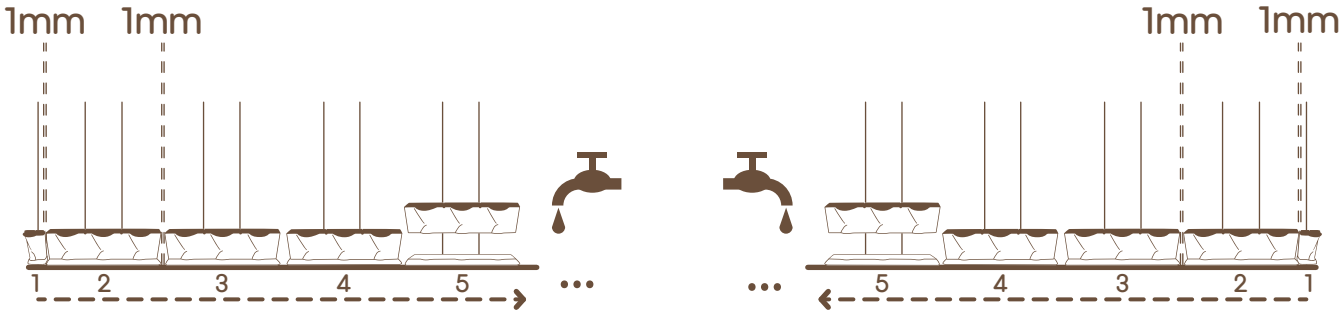
6. MODULE ASSEMBLY

Assemble in the direction of the water entry point.

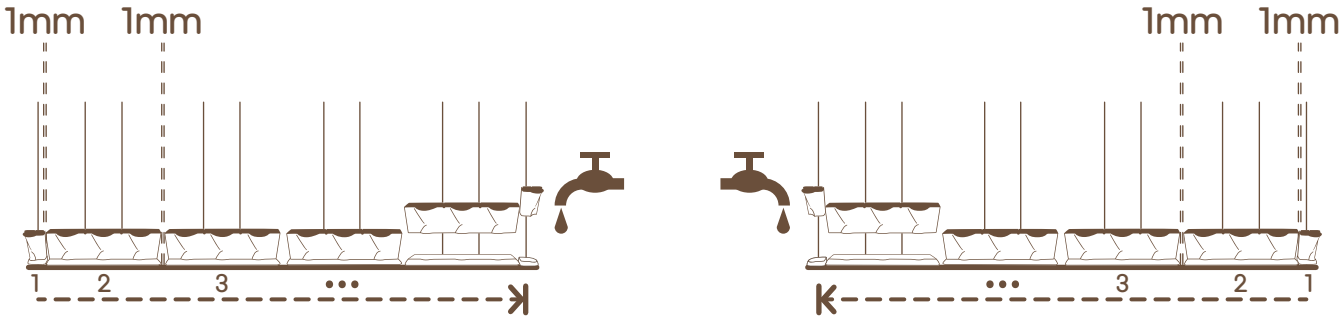
6 VERTICAL



6 VERTICAL +CORNER

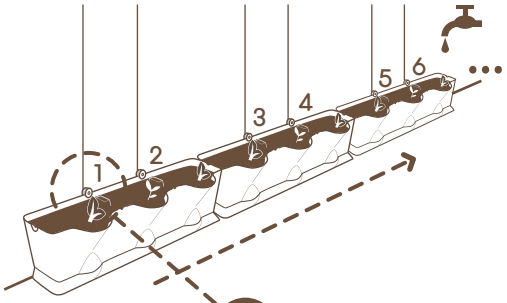


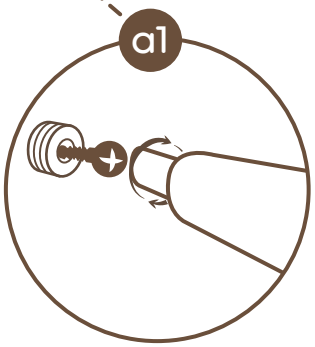
6 VERTICAL +CORNERs

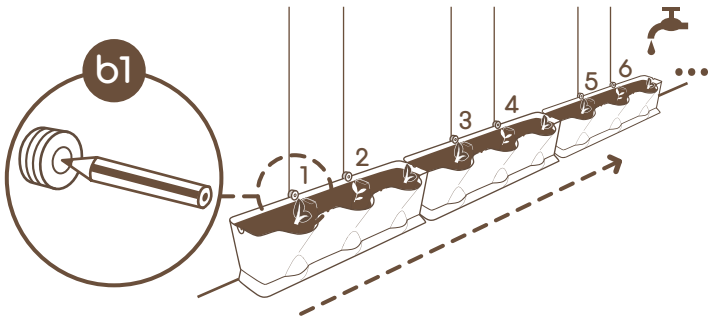


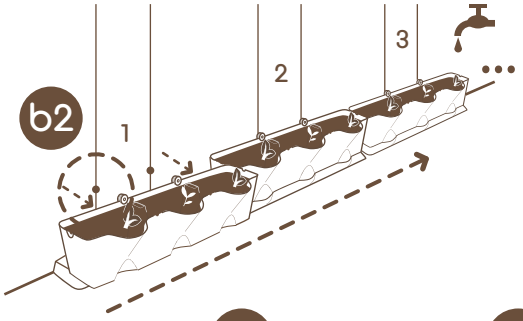
7. MODULE ATTACHMENT

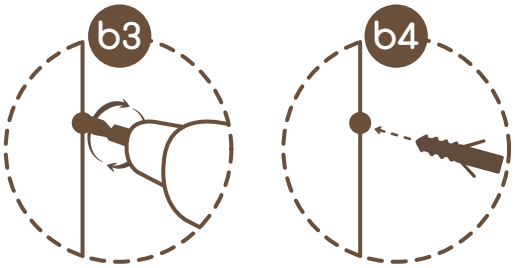
VERTICAL +CORNER ON THE NEXT PAGE.

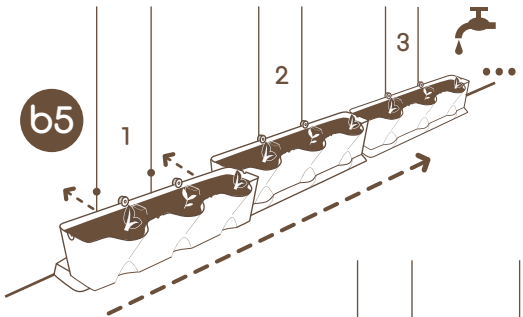


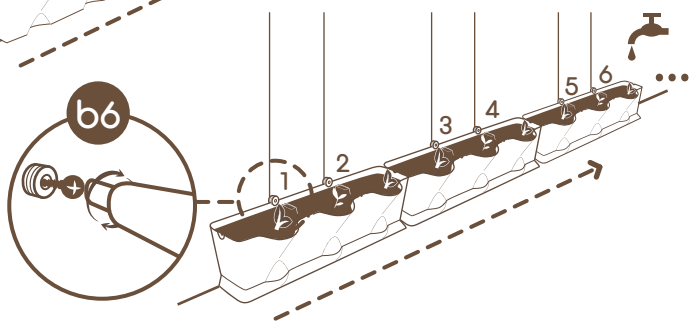




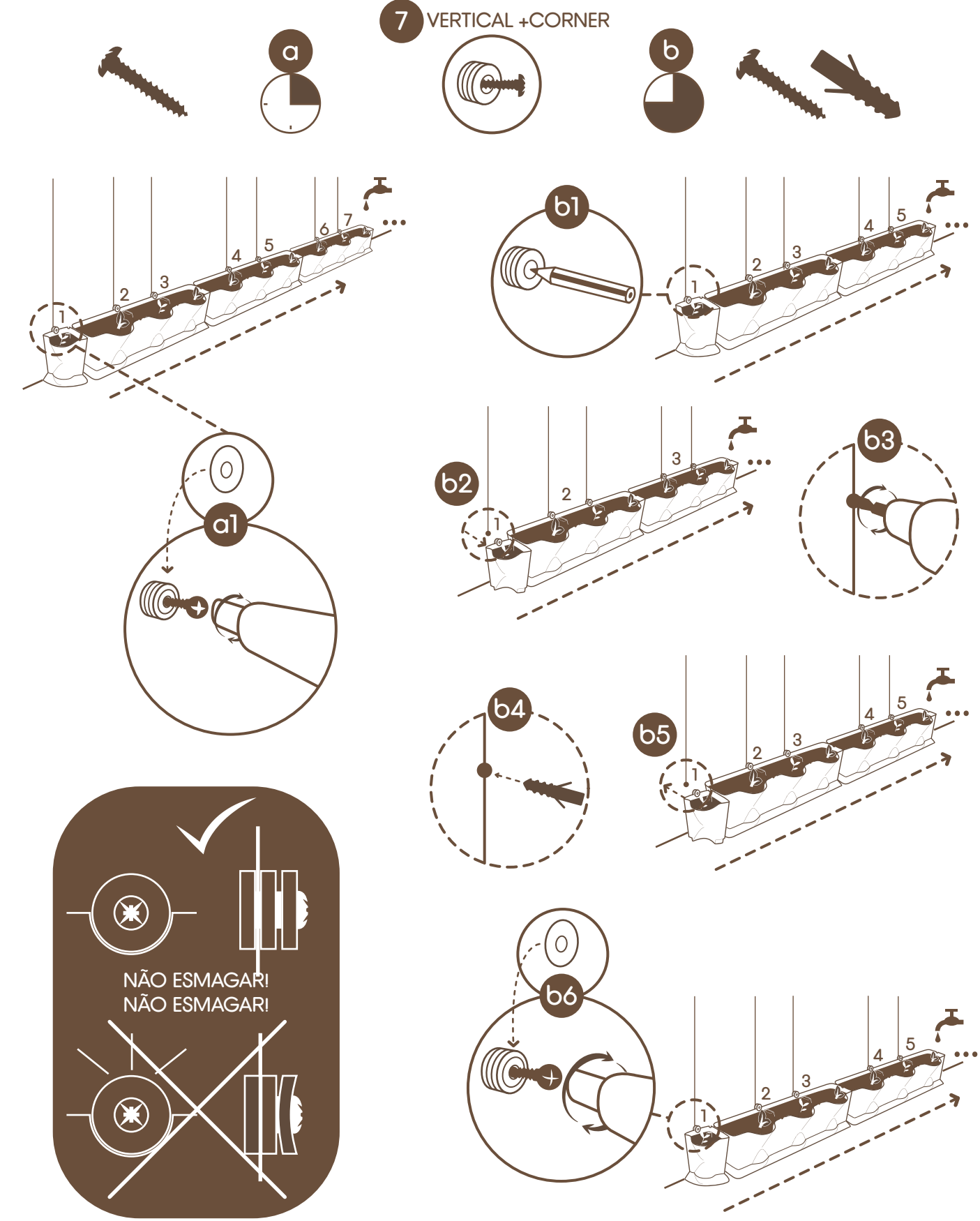








7. MODULE ATTACHMENT



8. - 11. IRRIGATION

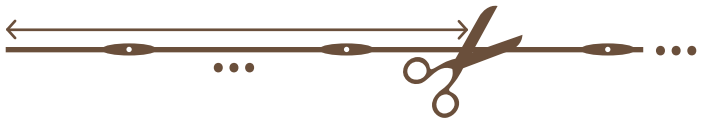
8 VERTICAL

⟷ = Σ x700+100mm

8 VERTICAL+CORNER & VERTICAL+CORNERs

⟷= Σ x160+ Σ x700+100mm

8.1



8.2 VERTICAL

Σ = Σ +1

Ø int 9 mm Ø int 9 mm

8.2 VERTICAL+CORNER & VERTICAL+CORNERs

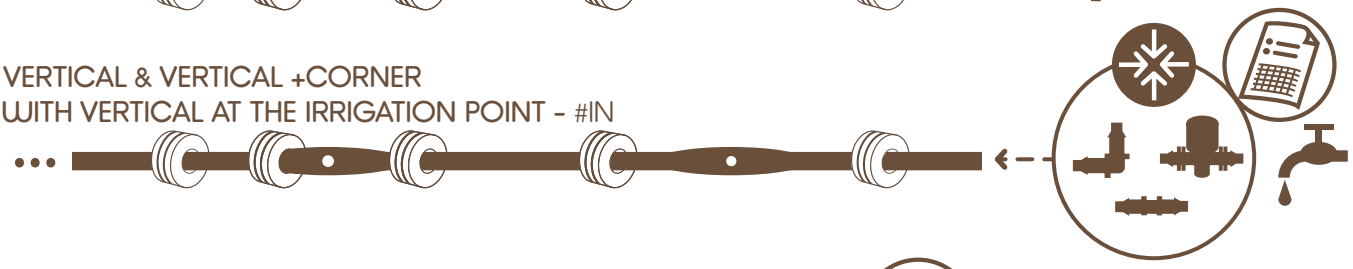
Σ = Σ + Σ

Ø int 9 mm

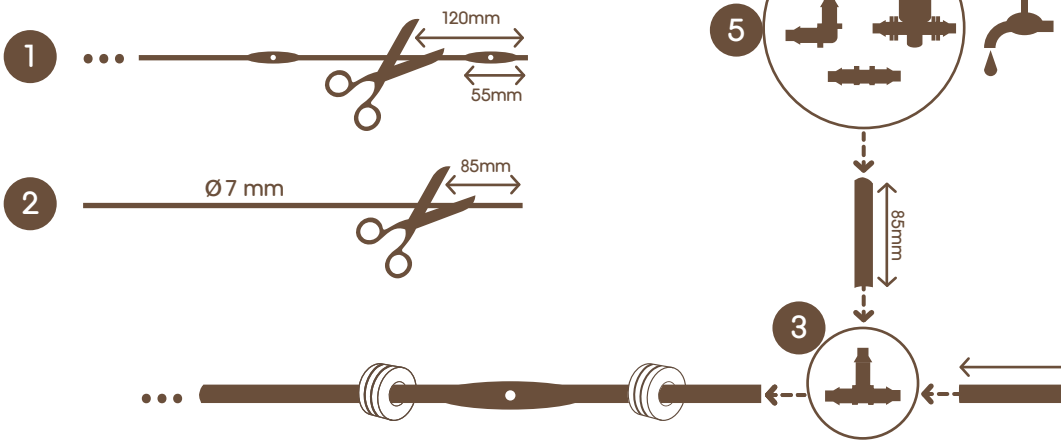
8.3

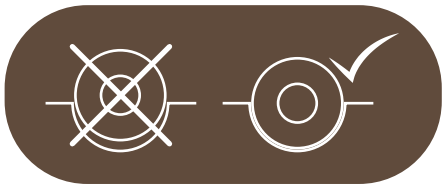
9 VERTICAL, VERTICAL +CORNER & VERTICAL +CORNERs
AT THE NO-IRRIGATION POINT - #IN

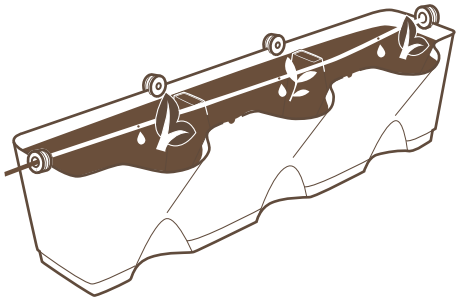
9 VERTICAL & VERTICAL +CORNER
WITH VERTICAL AT THE IRRIGATION POINT - #IN



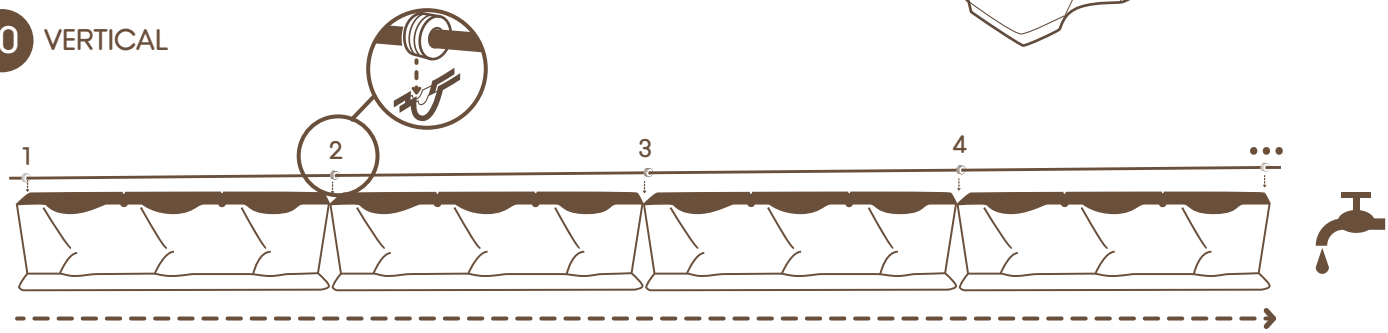
9 VERTICAL +CORNER, VERTICAL +CORNERs
WITH CORNER AT THE IRRIGATION POINT
#IN



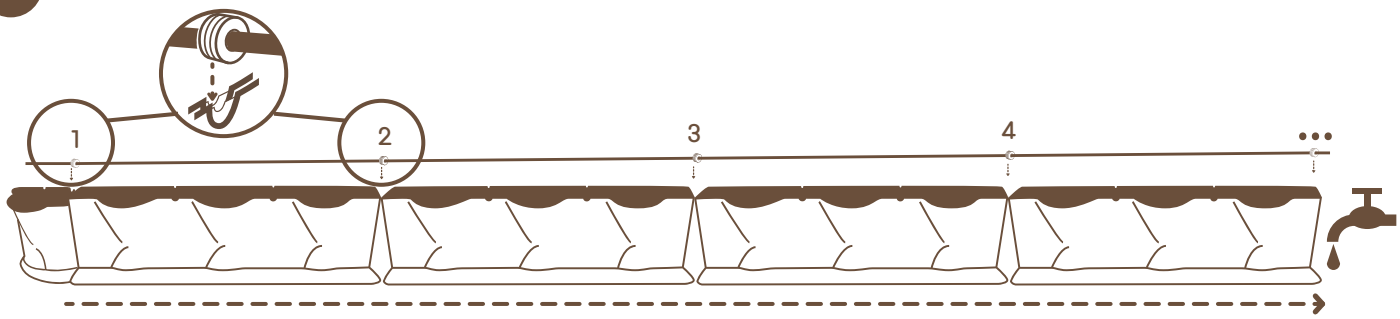




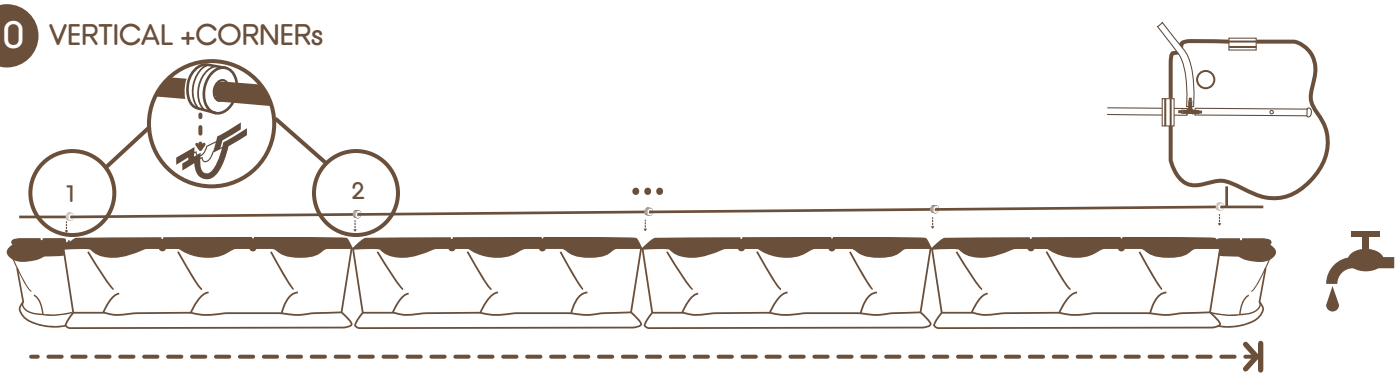
10 VERTICAL



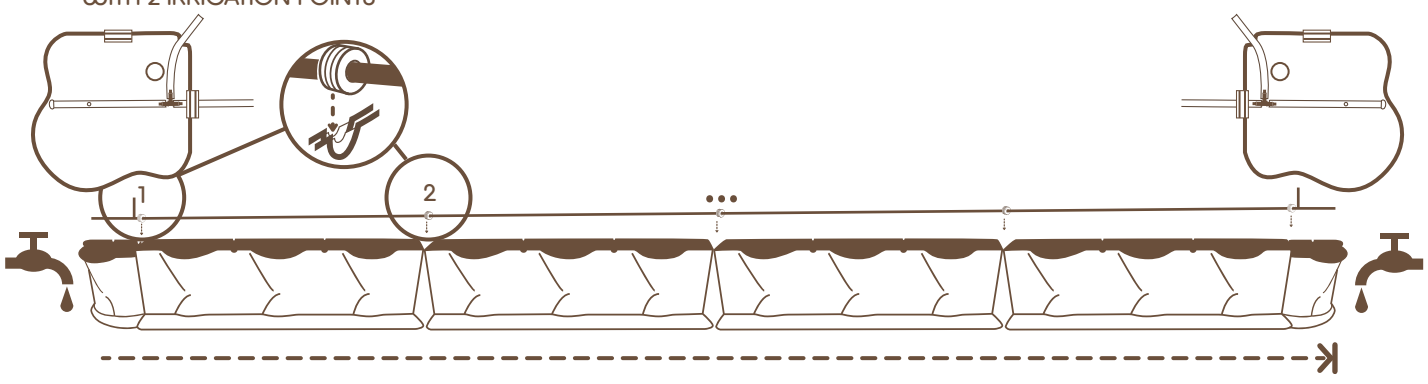
10 VERTICAL +CORNER



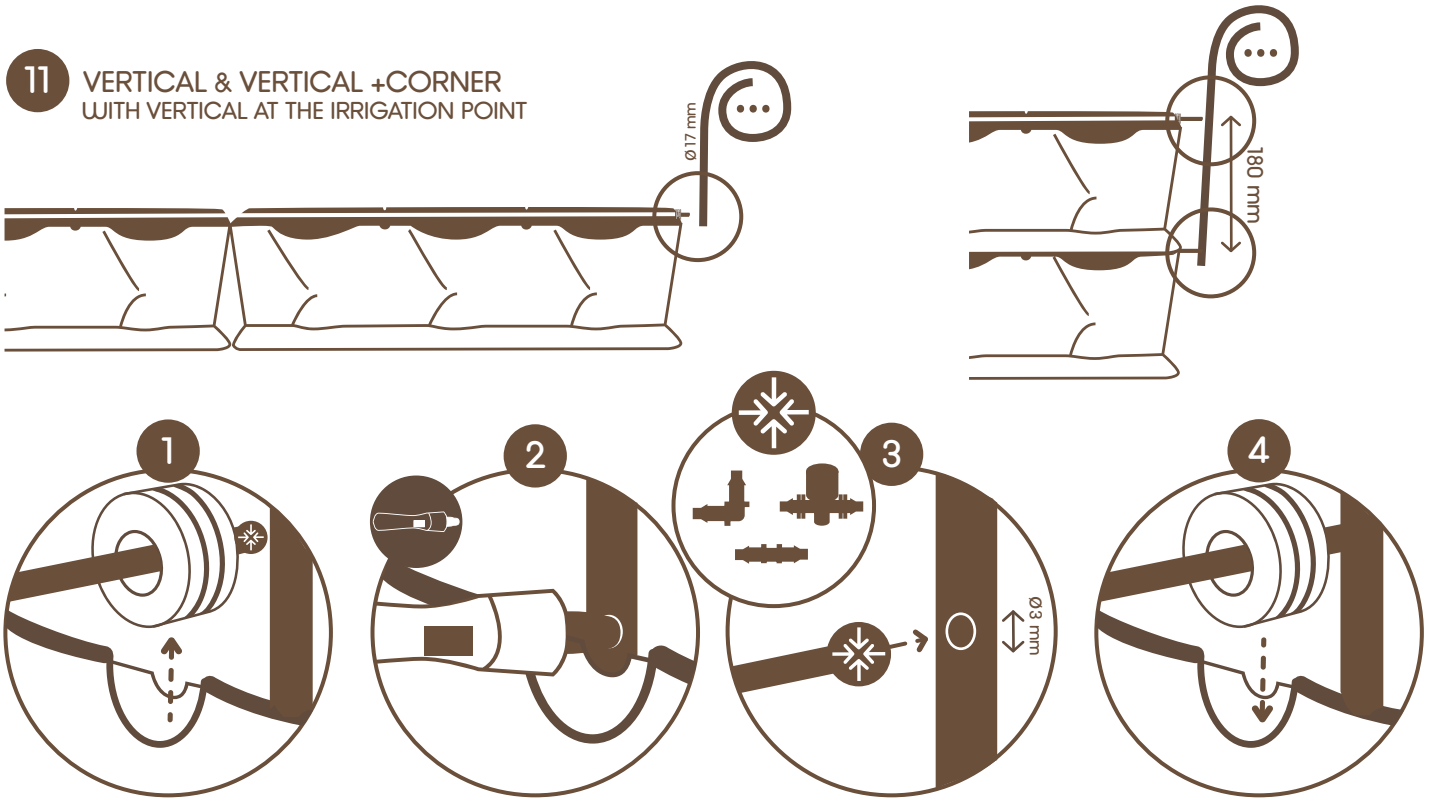
10 VERTICAL +CORNERs



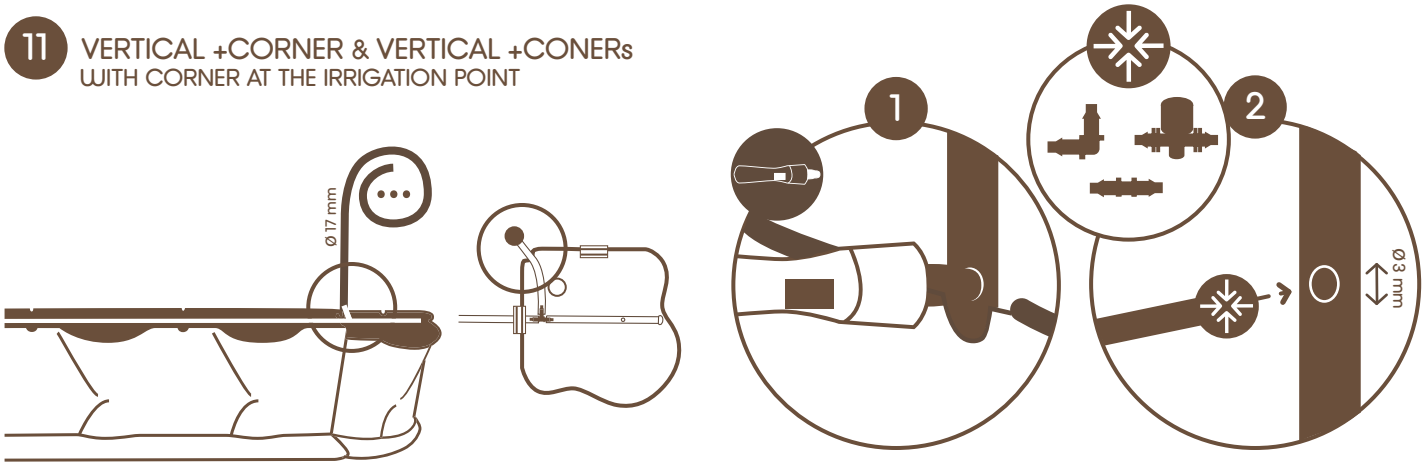
10 VERTICAL +CORNERs
WITH 2 IRRIGATION POINTS



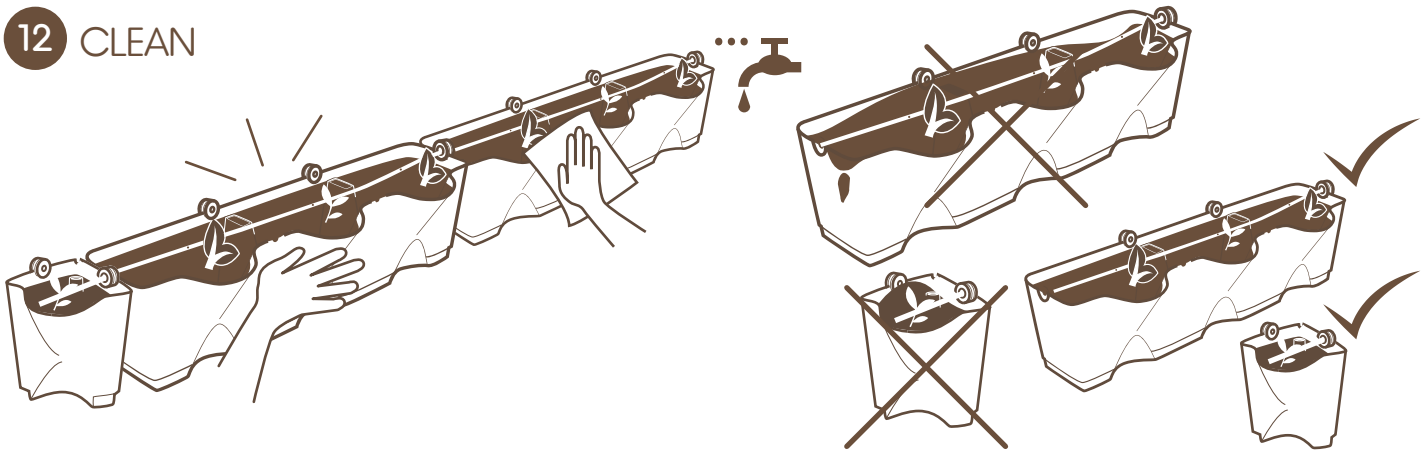
11 VERTICAL & VERTICAL +CORNER
WITH VERTICAL AT THE IRRIGATION POINT



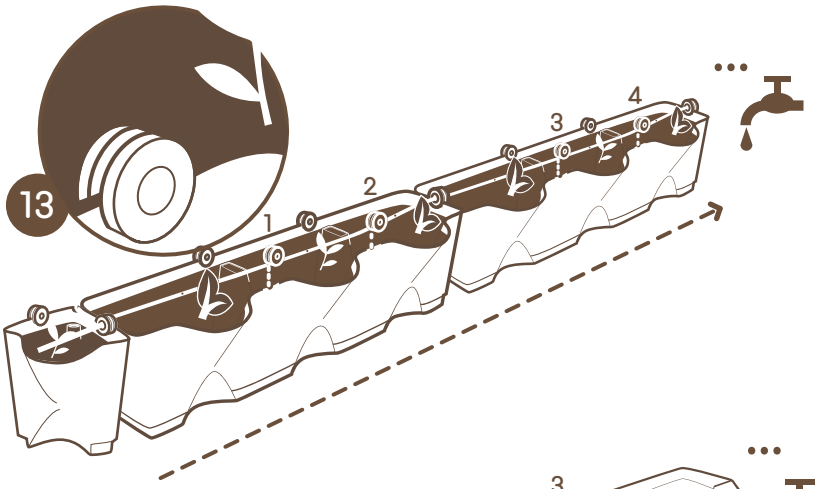
11 VERTICAL +CORNER & VERTICAL +CONERs
WITH CORNER AT THE IRRIGATION POINT

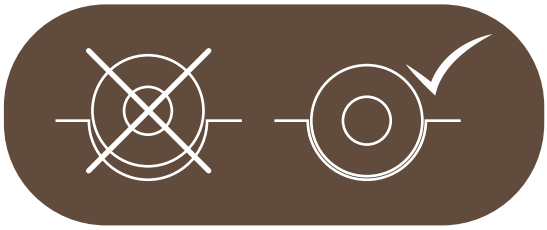


12 CLEAN



13





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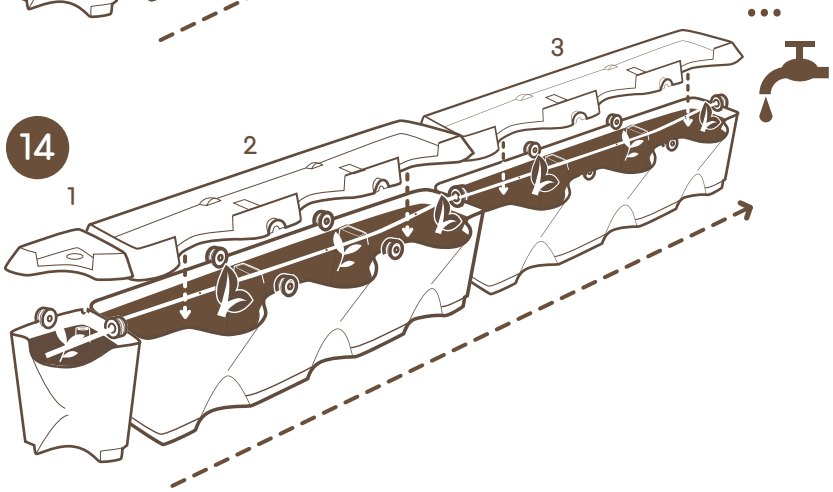

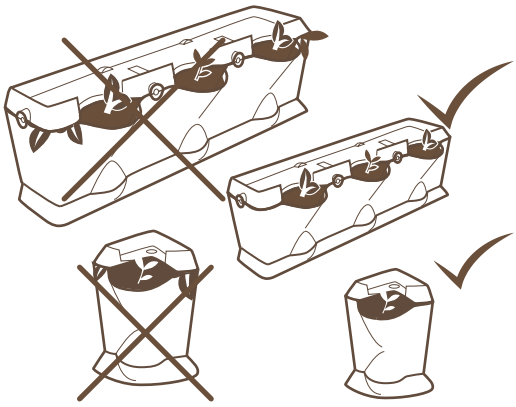

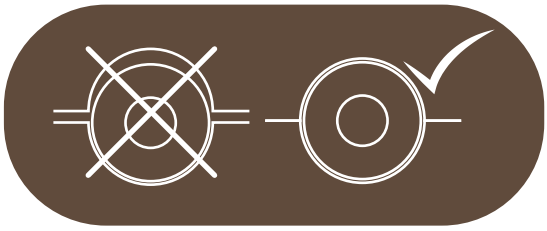

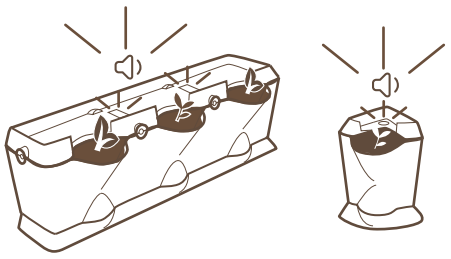

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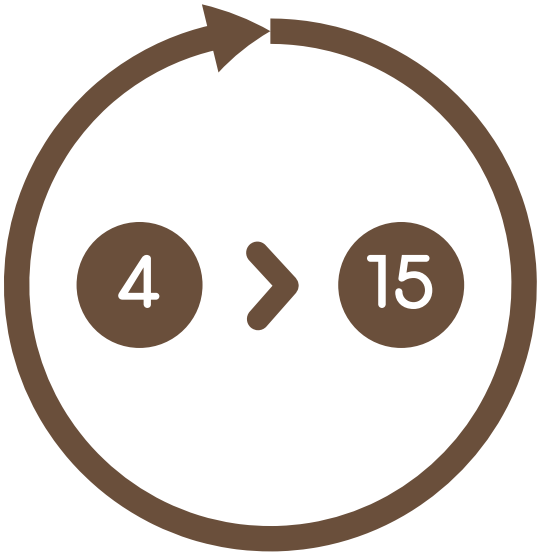
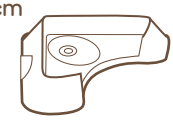
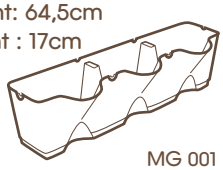
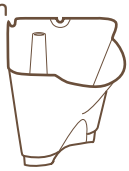
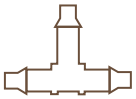
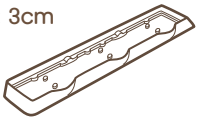
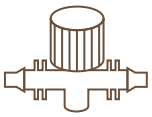


MATERIAL LIST

	units		units		units
Top lid Vertical Width: 14,5cm Lenght: 64,5cm Height : 3cm MG 002		Top lid Corner Width: 14,5cm Lenght: 14,5cm Height : 3cm 		Elbow Barb connections: 4,5mm 	
Vertical Container Width: 11,5 cm -> 19cm Lenght: 64,5cm Height : 17cm  MG 001		Corner Container Width: 11,5 cm -> 16cm Lenght: 16,5cm Height : 17cm 		Tee Barb connections: 4,5mm 	
Vertical Base Plate Width: 14,3cm Lenght: 64,5cm Height : 3cm  MG 003		Corner Base Plate Width: 14,3cm Lenght: 14,3cm Height : 3cm 		End Plug Barb connections: 4,5mm 	
Clip ø7mm Width: 13mm ø = 25mm Innerø = 7mm 		Clip ø9mm Width: 13mm ø = 25mm Innerø = 9mm 		Valve Barb connections: 4,5mm 	
Potting soil 	L OZ	Expanded clay pebbles 	L OZ	Joiner Barb connections: 4,5mm 	

	units				
Plants 		Puncher ø = 3 mm 		Flat Washer ø = 12mm Innerø = 6mm 	
Connection pipe ø = 7mm	m ft	Irrigation Supply Pipe ø = 17mm 	m ft	Minidrip pipe 22cm between drippers ø = 6,4mm 	m ft