



# ProPlay<sup>®</sup>-Sport



Installation manual



## TABLE OF CONTENTS

<b>1. Legend</b> .....	<b>2</b>
<b>2. General info</b> .....	<b>3</b>
2.1 Disclaimer .....	3
2.2 Dimensions .....	5
2.3 Unload pallets .....	6
2.4 Storage/warehouse .....	8
<b>3. Recommended installation method</b> .....	<b>9</b>
3.1 Installation pattern .....	9
3.2 Textile fleece side up .....	9
3.3 Installation methods .....	10
3.4 Installing first row .....	11
3.5 Installing second and third row .....	15
3.6 Installing last row and adding the turf .....	17
3.7 Cutting the edges .....	19

## 1. Legend

Symbol	Explanation
	Not Ok.
	Ok. The correct usage way.





## 2. General info

### 2.1 Disclaimer

Installation of ProPlay<sup>®</sup>-Sport must be executed under the code of good workmanship. Schmitz Foam Products does not accept any liability for the design, or construction of any facilities, or actions of any parties employed, as a result of, or in connection with, any information provided in this document.

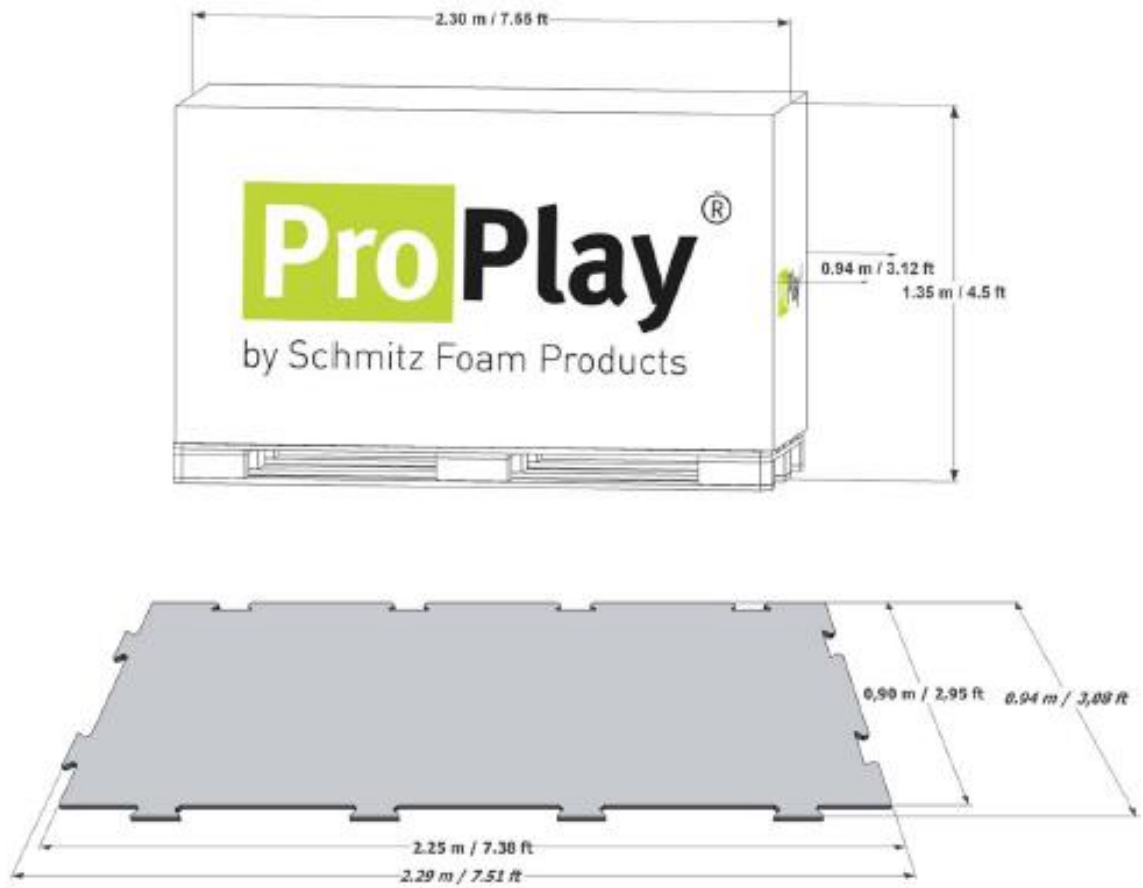
Please note there is a separate installation manual for ProPlay<sup>®</sup> for Playgrounds products. While installing the ProPlay<sup>®</sup>-Sport, the following points must be taken into account:

- It is recommended that the sub base is designed and approved by an architect or civil engineer, based on the geotechnical and meteorological conditions of the site and any (local) restrictions to the drainage discharge.
- Although ProPlay<sup>®</sup>-Sport can be installed on any kind of sub base, as long as the construction itself is strong enough to hold installation and maintenance equipment, it is advised that the sub base has a minimum undrained shear strength of at least 50 kN/m<sup>2</sup> (BS 1377, part 7) or a minimum California Bearing Ratio of 5% (BS 1377, part 4) or equivalent.
- The regularity of the surface of the sub base should be within 20 mm under a 3 m straight edge.
- When a ProPlay<sup>®</sup>-Sport "D" variant (for lateral drainage) is applied, the slope of the surface of the sub base should be at least 0.5%, although 1.0% is better.  
And when the surface of the sub base can rinse out, it is recommended to use a liner (foil or geotextile).
- It shall be noted that ProPlay<sup>®</sup>-Sport - like any other foam shock pad - will expand/contract under the influence of changes of temperature; to prevent unnecessary shrinkage after completion of the installation, the ProPlay<sup>®</sup>-Sport recommended installation method must be used in its entirety!
- The textile of the ProPlay<sup>®</sup>-Sport should not be exposed to UV-radiation (i.e. daylight) for more than 1 month.
- It is advised to install the synthetic turf within 1 week after installation of the ProPlay<sup>®</sup>-Sport.
- The synthetic turf shall **not** be glued (or in any other way be attached) to the ProPlay<sup>®</sup>-Sport, since the ProPlay<sup>®</sup>-Sport needs to be able to expand/contract without any hampering.
- It is **strongly** recommended to stabilize the synthetic turf with at least 15 kg/m<sup>2</sup> (~3.1 lbs/ft<sup>2</sup>) of sand, or (preferably) to use a turf with a fiberglass reinforced backing.  
In any case, it is advised to fix the turf to the perimeter of the field (according to the guidelines of the turf supplier).

- During installation of the ProPlay<sup>®</sup>-Sport or after installation (when installing and filling the synthetic turf) it is allowed to drive over the ProPlay<sup>®</sup>-Sport with installation equipment/machines. The load (per tyre) of the installation equipment shall be less than 40 psi (~276 kN/m<sup>2</sup>) for short time frames (e.g. driving over the surface) and less than 20 psi (~138 kN/m<sup>2</sup>) for longer time frames (e.g. parking on the surface).

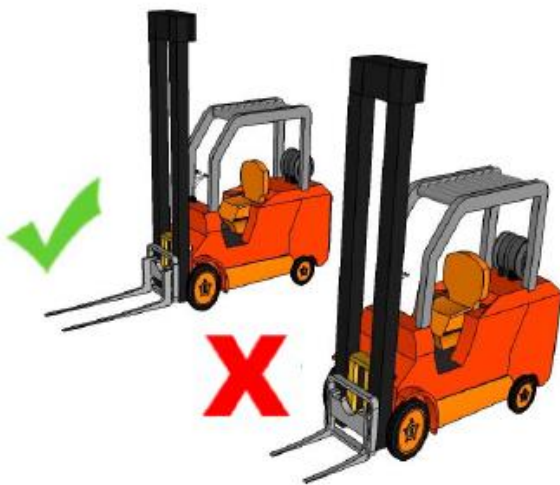
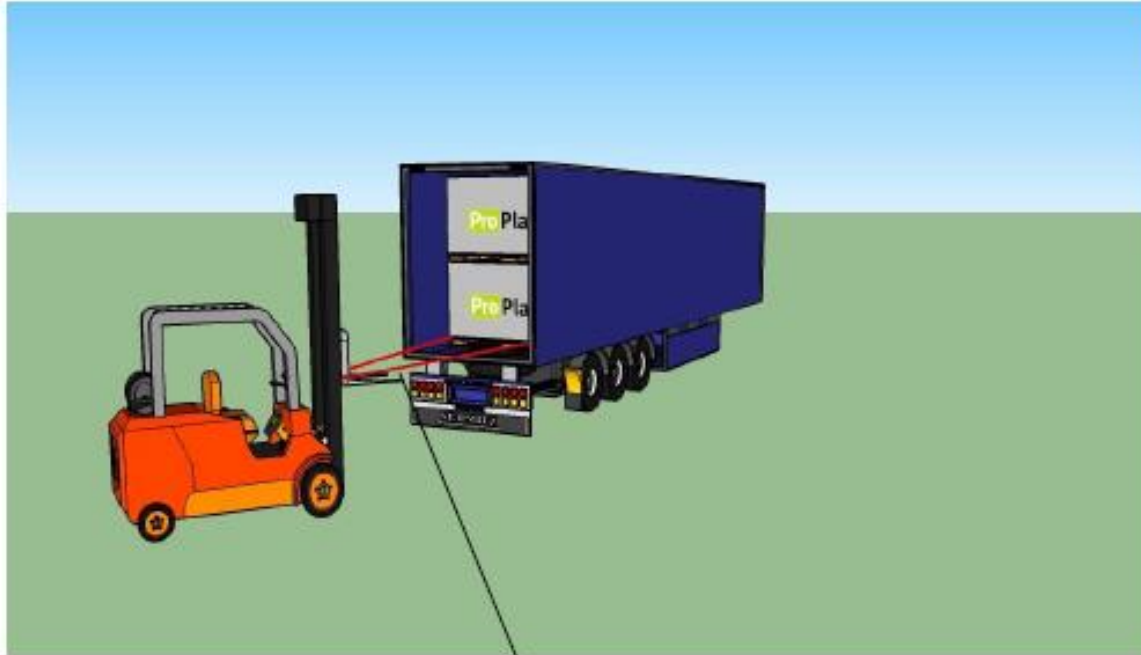
*Great attention to the accuracy of this document was taken during its compilation. Schmitz Foam Products cannot, however, guarantee the total accuracy of the information included. If you have any doubts or further questions please do not hesitate to contact us by phone 0031 475370270.*

## 2.2 Dimensions

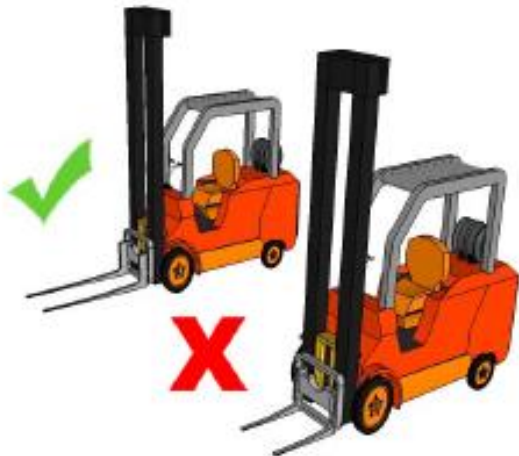


## 2.3 Unload pallets

*Unloading from rear end of the truck*

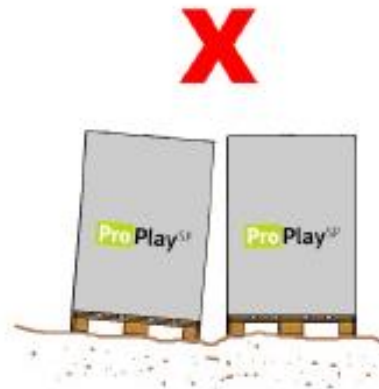


*Unloading from the side of the truck*



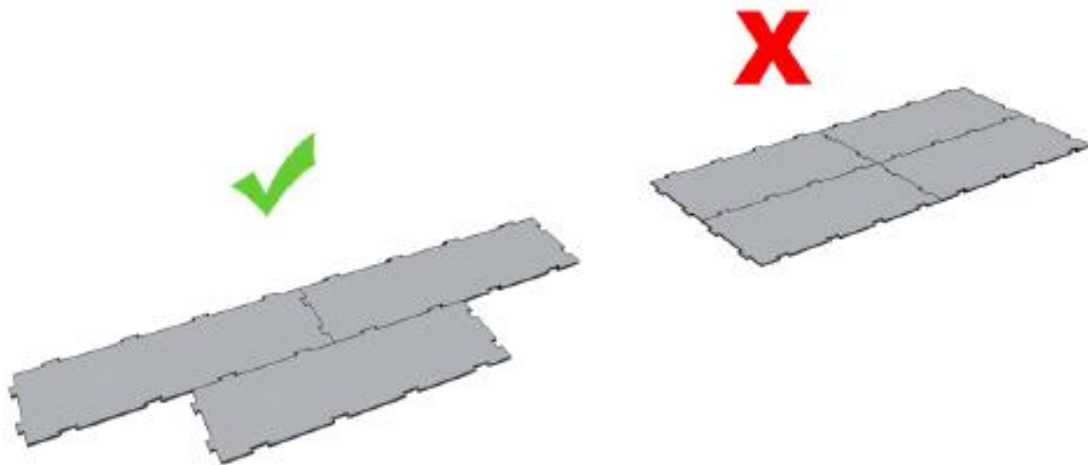


## 2.4 Storage/warehouse

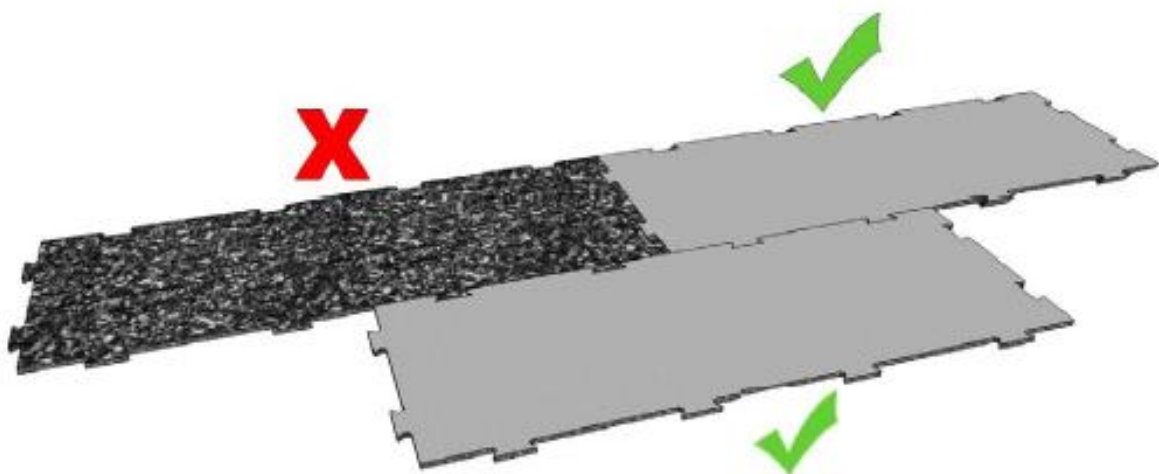


### 3. Recommended installation method

#### 3.1 Installation pattern



#### 3.2 Textile fleece side up





1 supervisor



4-8 installers

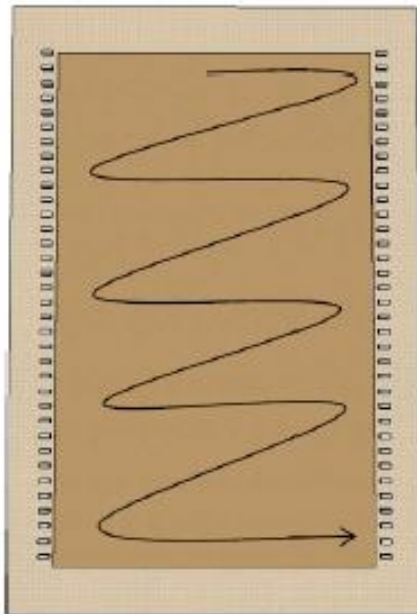


1 working day

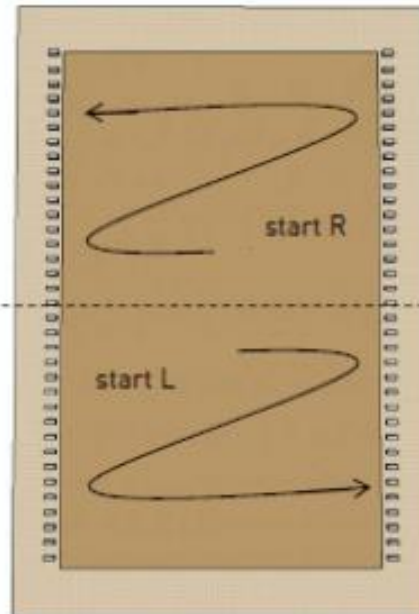


### 3.3 Installation methods

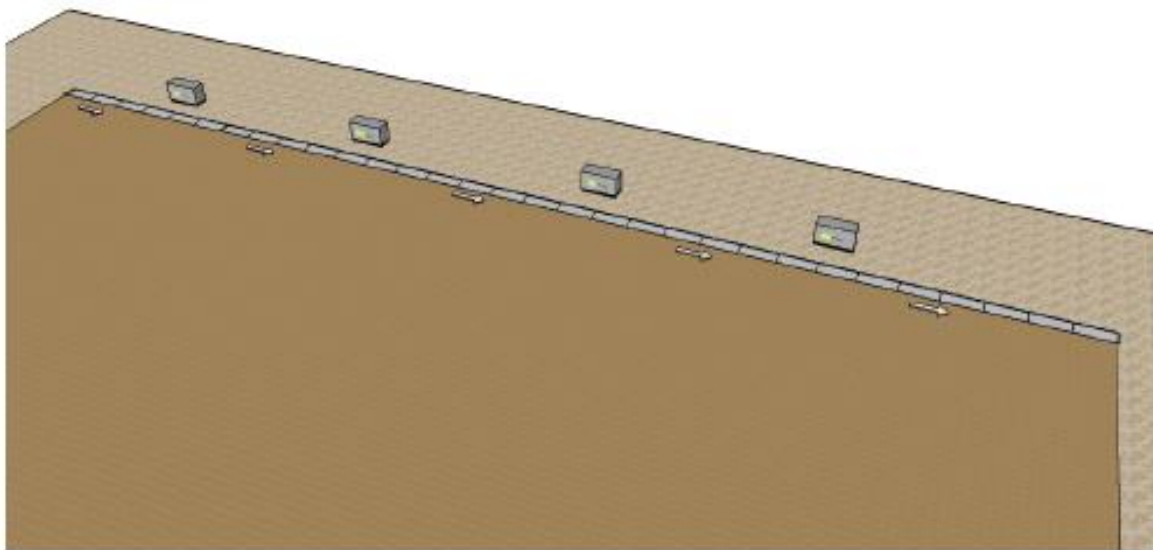
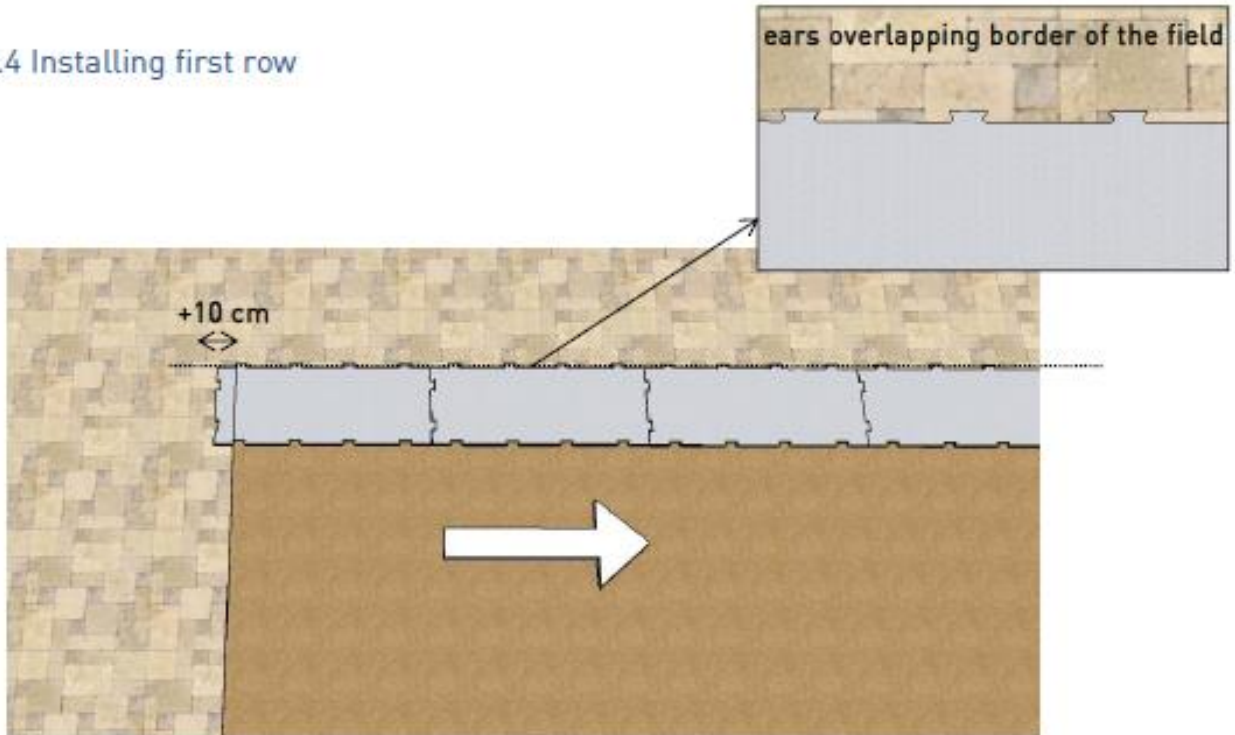
First install the first 3 rows, starting in the center of the first row (see pages 10-15).  
Only start the next row when the current row is finished.



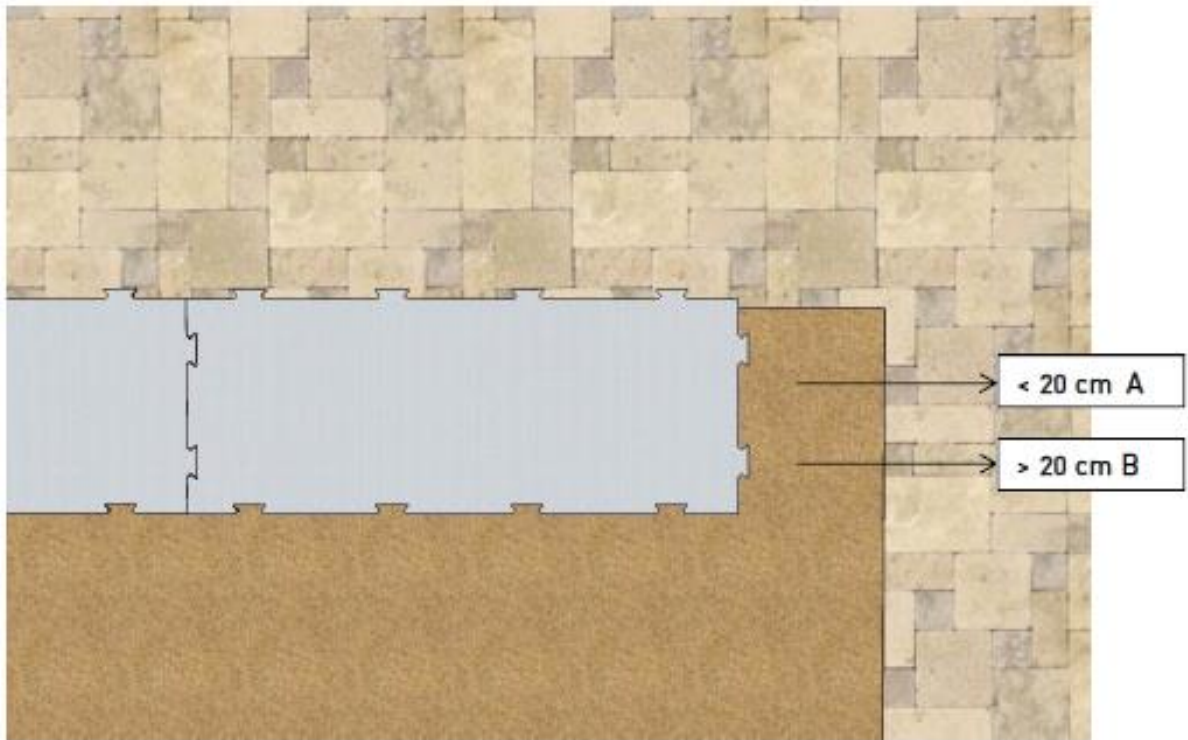
OR



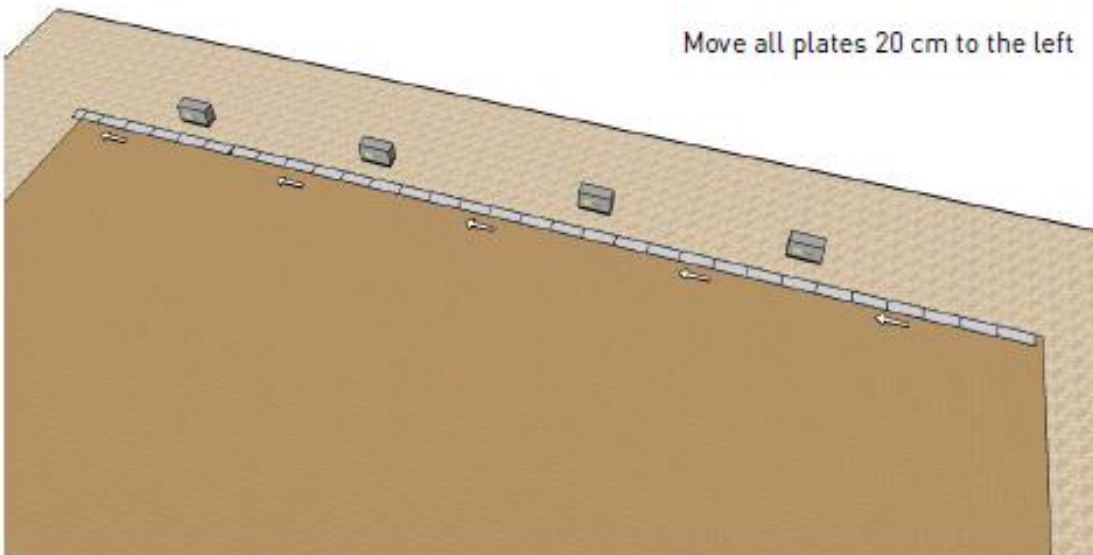
### 3.4 Installing first row





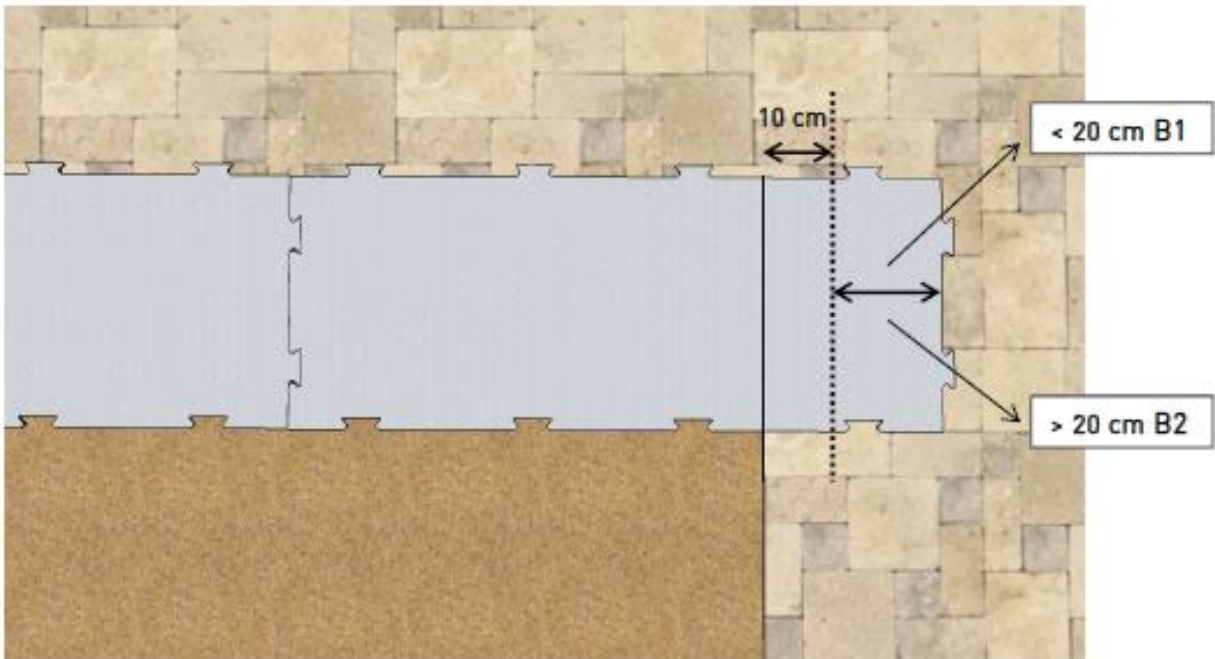
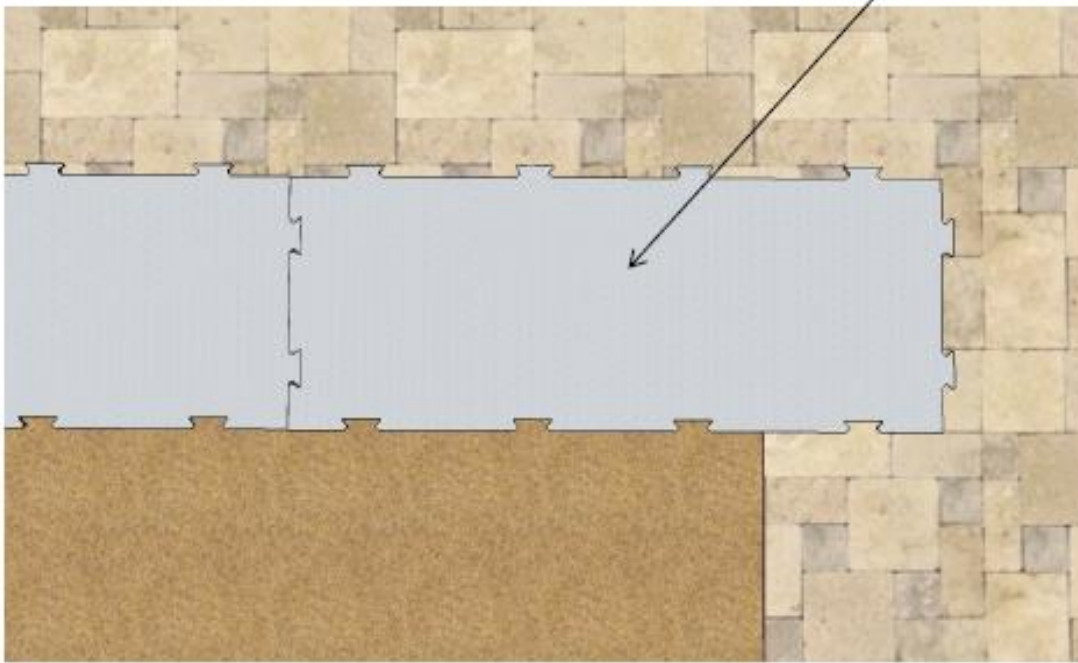


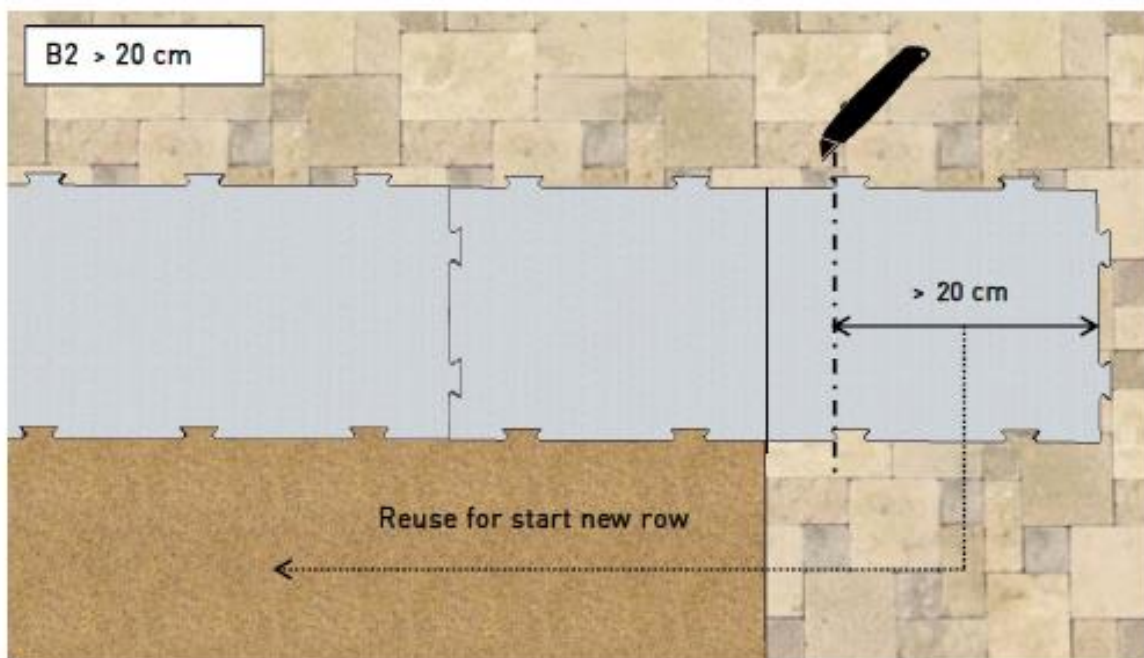
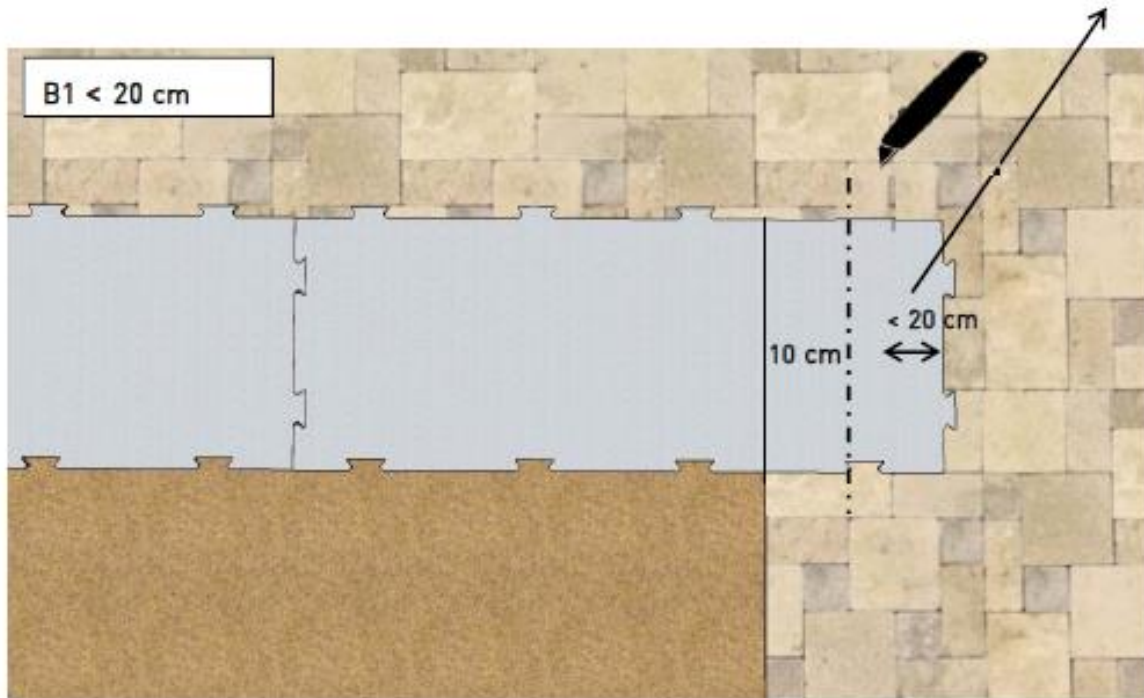
A



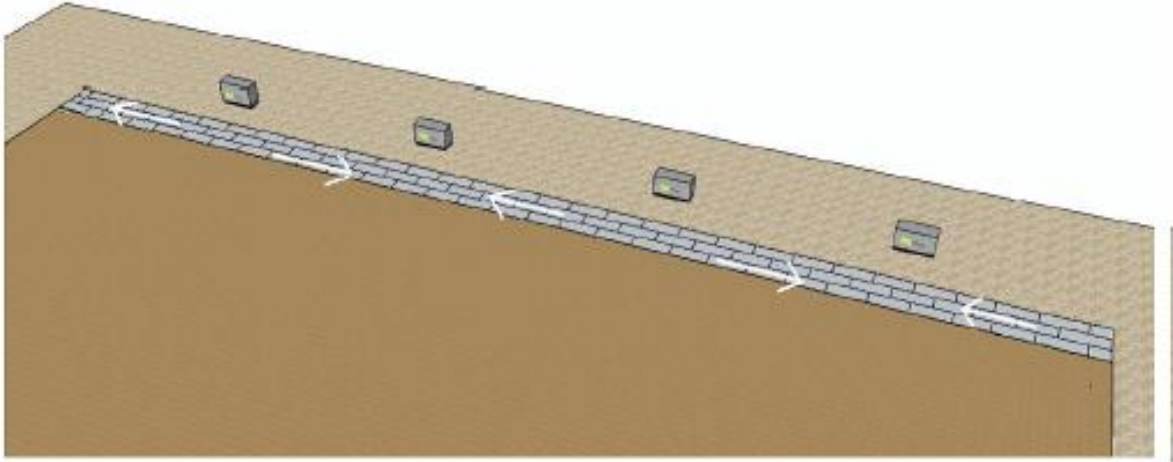
**B**

Put in another plate



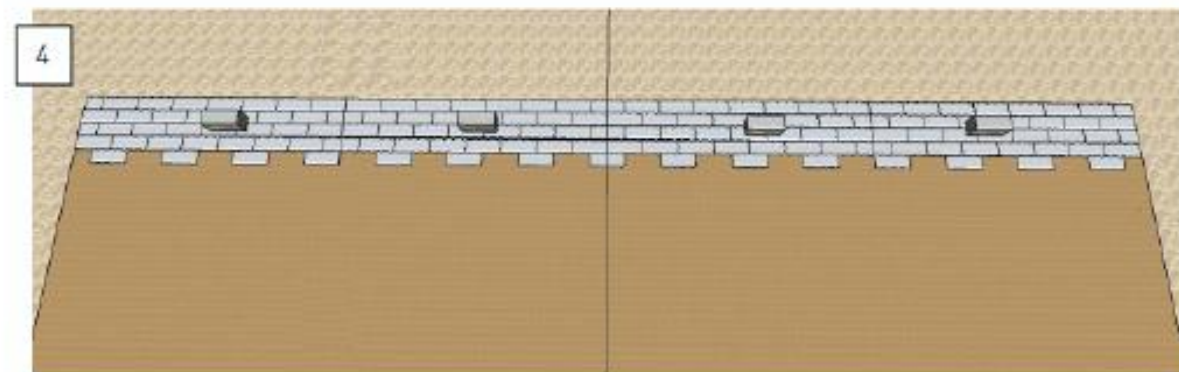
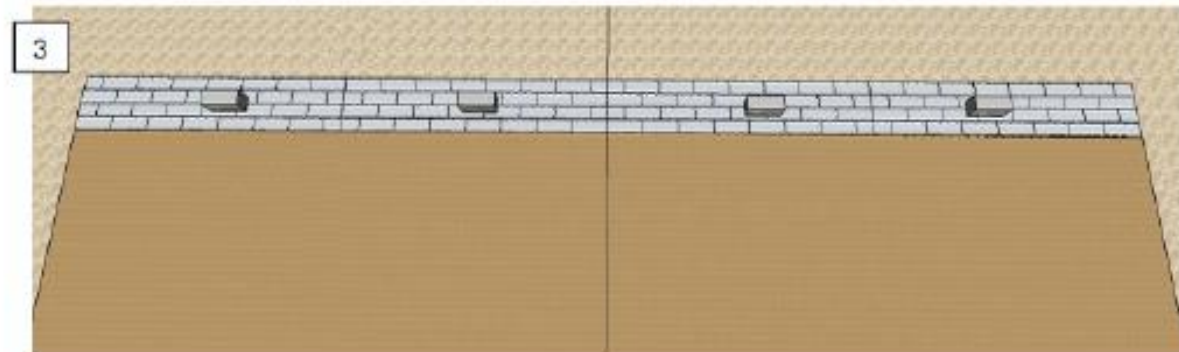
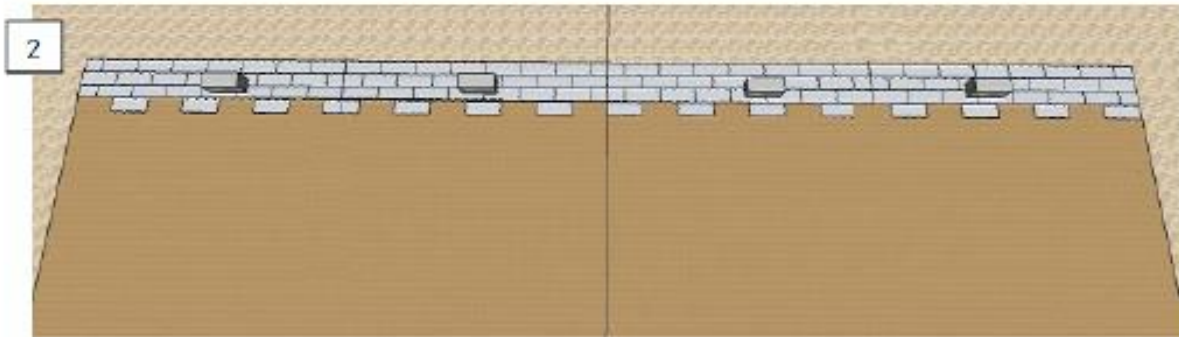
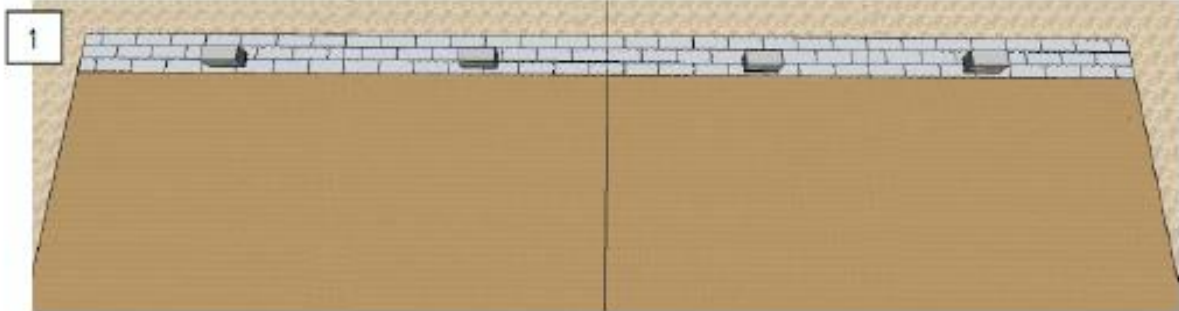


### 3.5 Installing second and third row



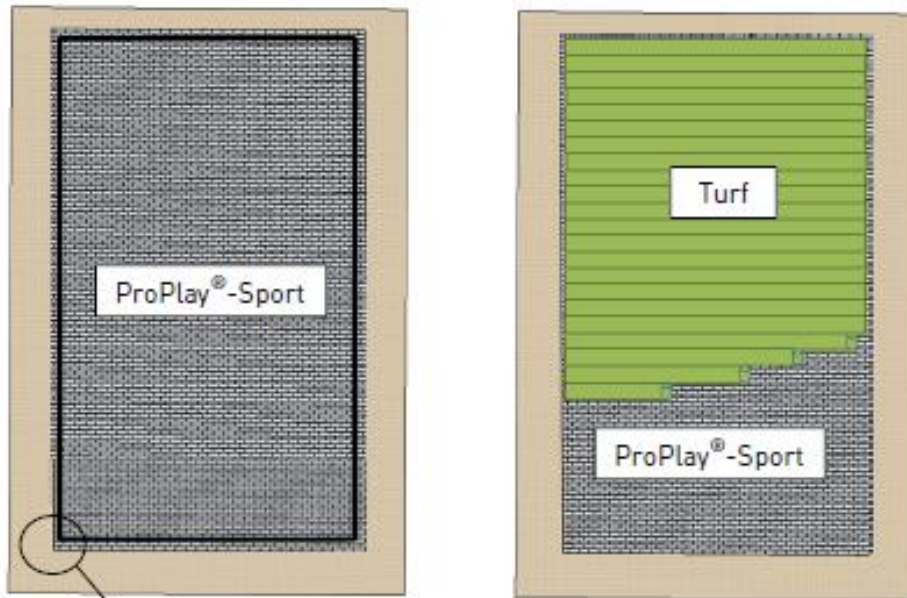


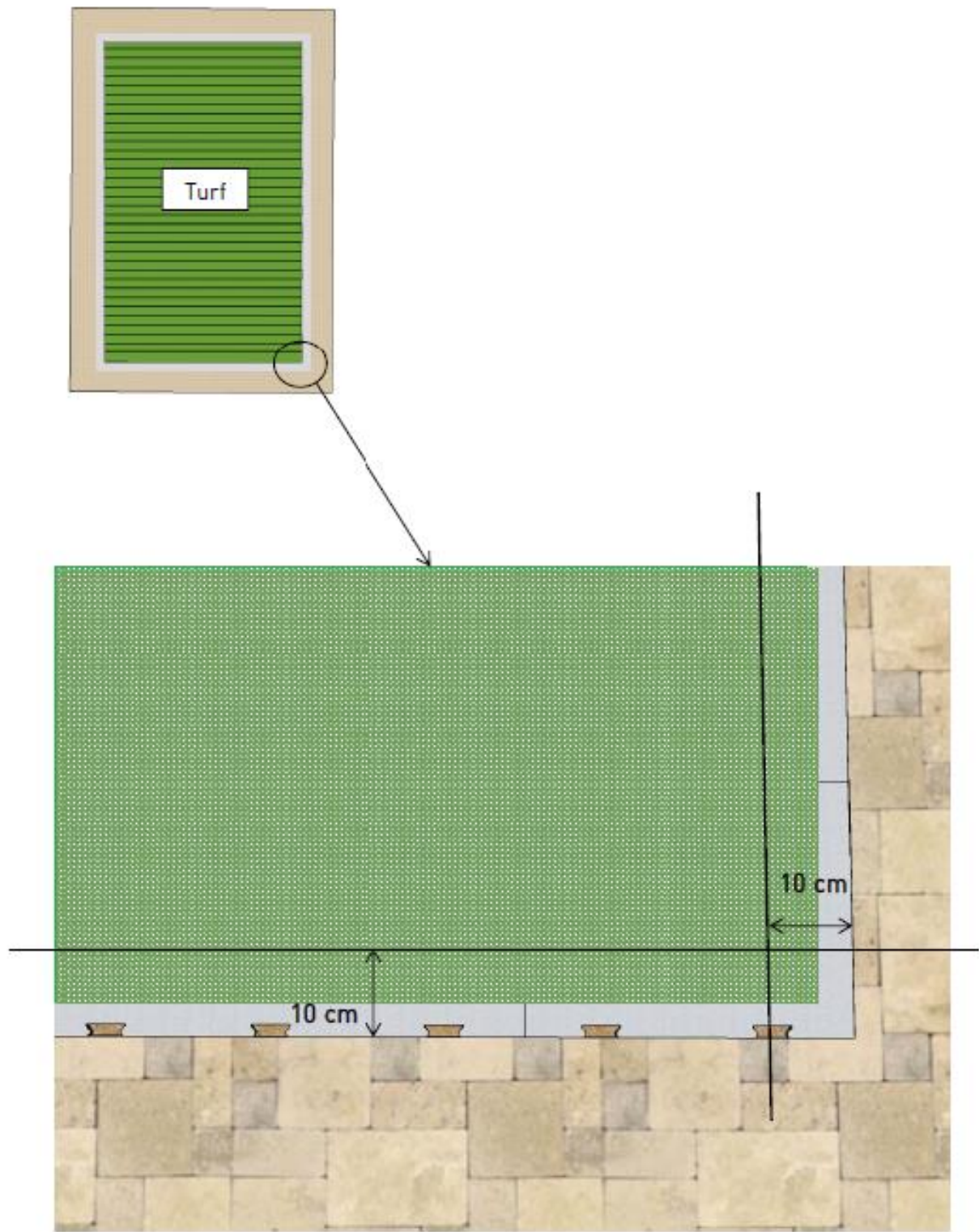
Please keep in mind to only start the next row when the current row is finished.



### 3.6 Installing last row and adding the turf

Start with the turf within one week

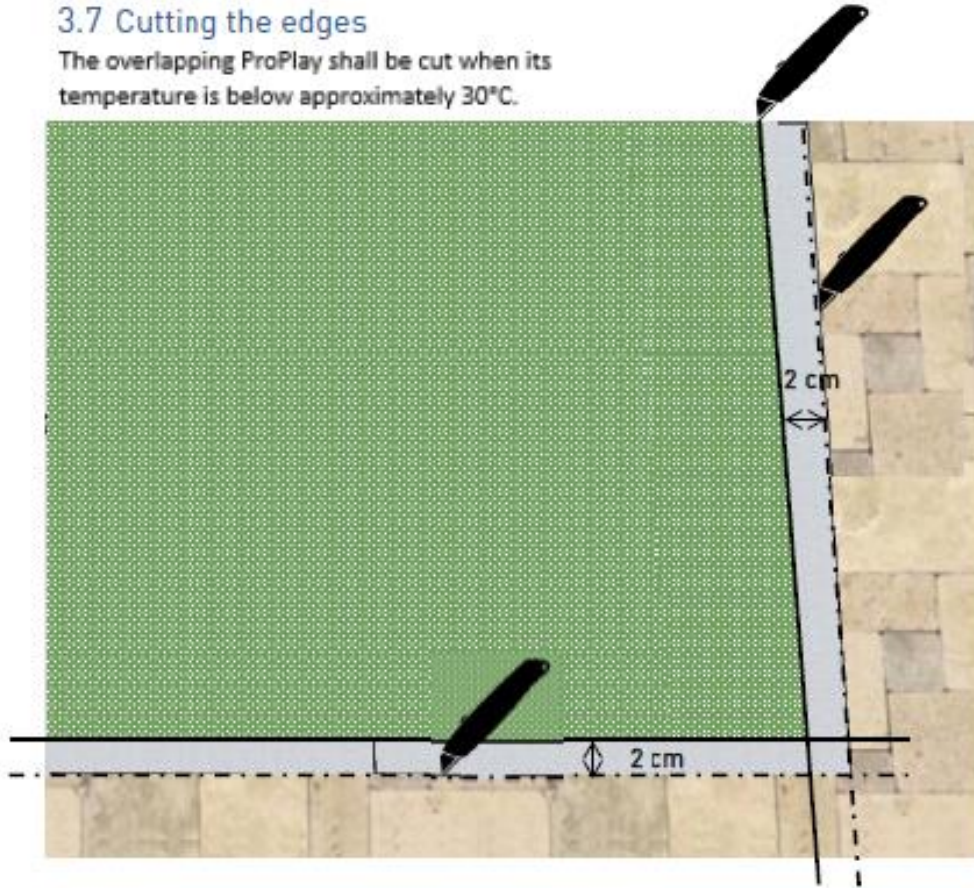




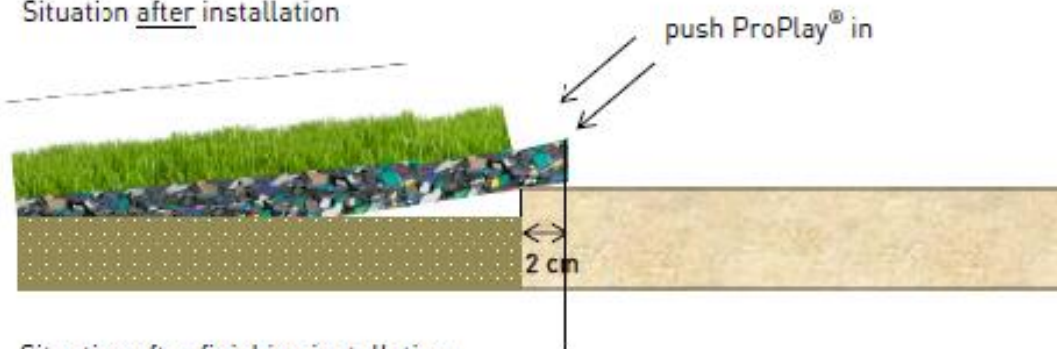


### 3.7 Cutting the edges

The overlapping ProPlay shall be cut when its temperature is below approximately 30°C.



Situation after installation



Situation after finishing installation





