LAYER-BY-LAYER INSTRUCTIONS ARE SENT VIA EMAIL

# How to build with WoodBlocX

General building guide

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# Transform your garden

Thank you for reading our general building guide, on the next few pages you will find all of the information you need about building with WoodBlocX.

**Your layer-by-layer building instructions will be sent to you via email after you complete your order.**

WoodBlocX is made from sustainable, pressure-treated timber which is built to last for 15 years. To maximise the lifespan of your structure you must build on a suitable and level surface. We strongly recommend installing a protective liner and adding a drainage layer in all of our structures, especially in raised beds where you plan to grow.

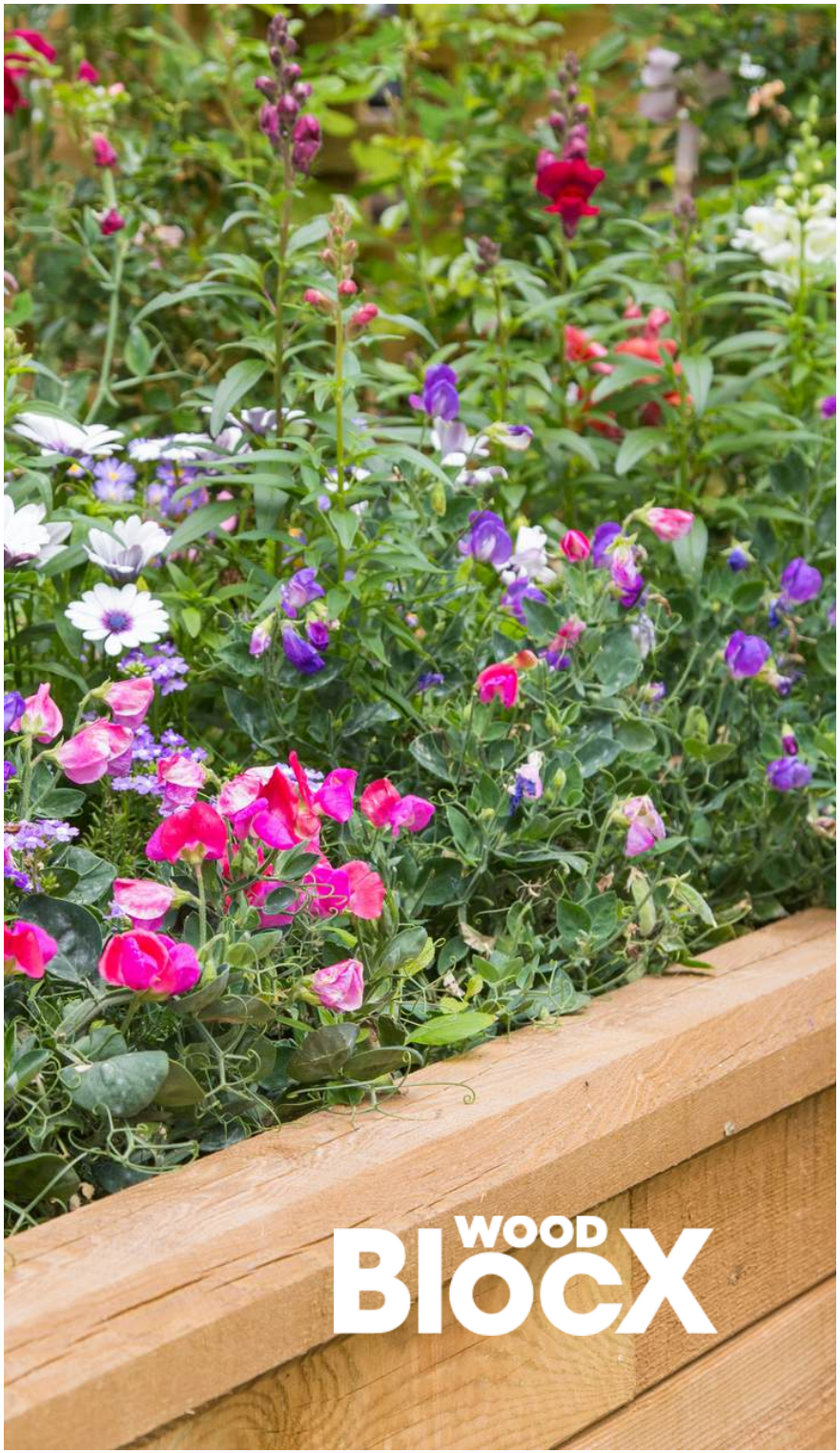
We're proud to have helped thousands of customers transform their gardens over the the last 20 years and we hope you enjoy your new WoodBlocX structure too!

Contact us if you have any questions or require support.

**Henry Blake**
WoodBlocX Owner

# What's inside?





# Tools & liners

WoodBlocX is lightweight to carry, easy to construct and is built to last 15 years or more when installed following our guidelines.

**You will receive your layer-by-layer building instructions for your specific design via email after you complete your order.**

You can buy all the tools and liners you need on our website.

**Lump hammer**

**Spirit level**

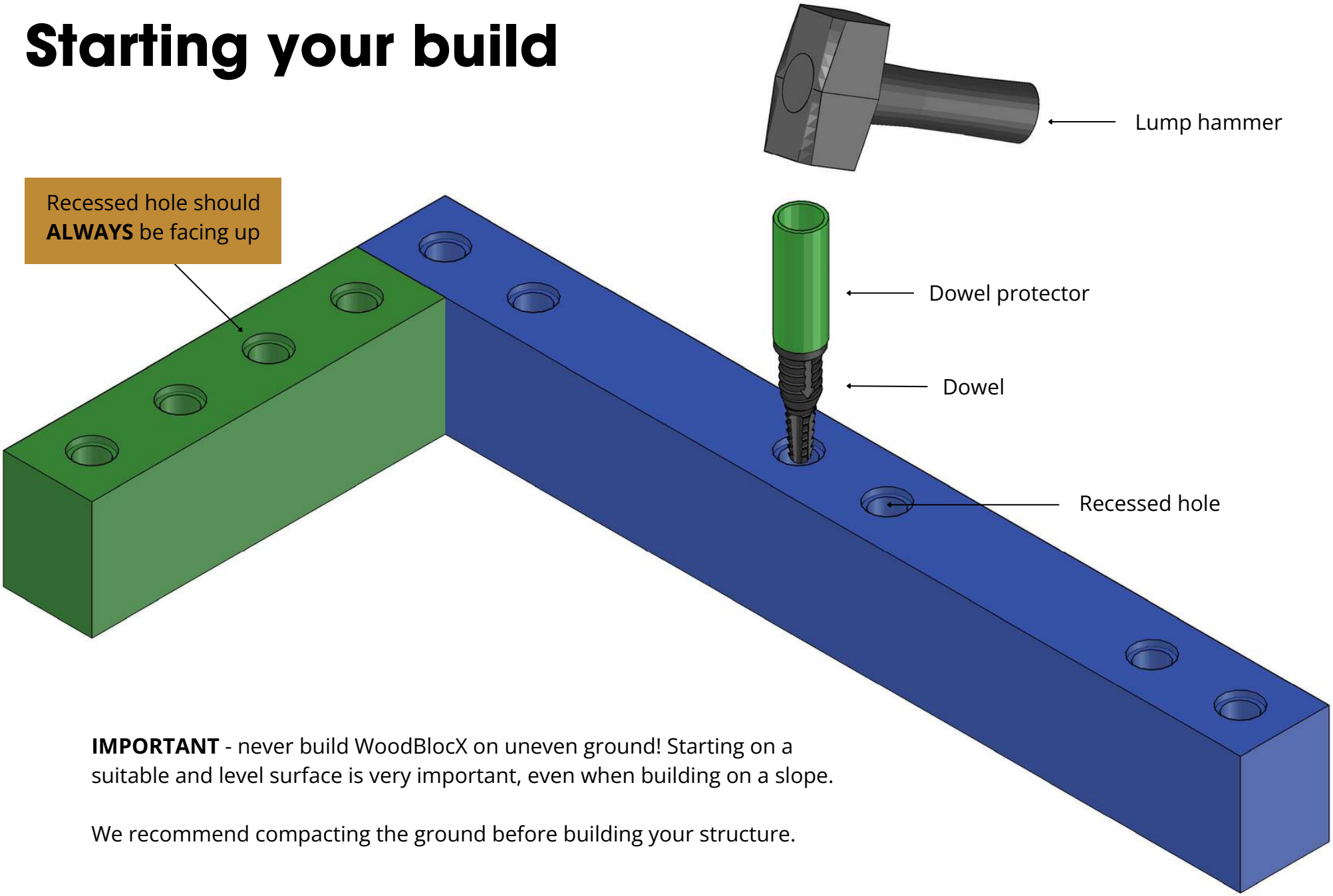
**Protective liner**

Suitable for raised beds, planters & retaining walls

**Pond liner (PVC)**

Suitable for raised ponds only

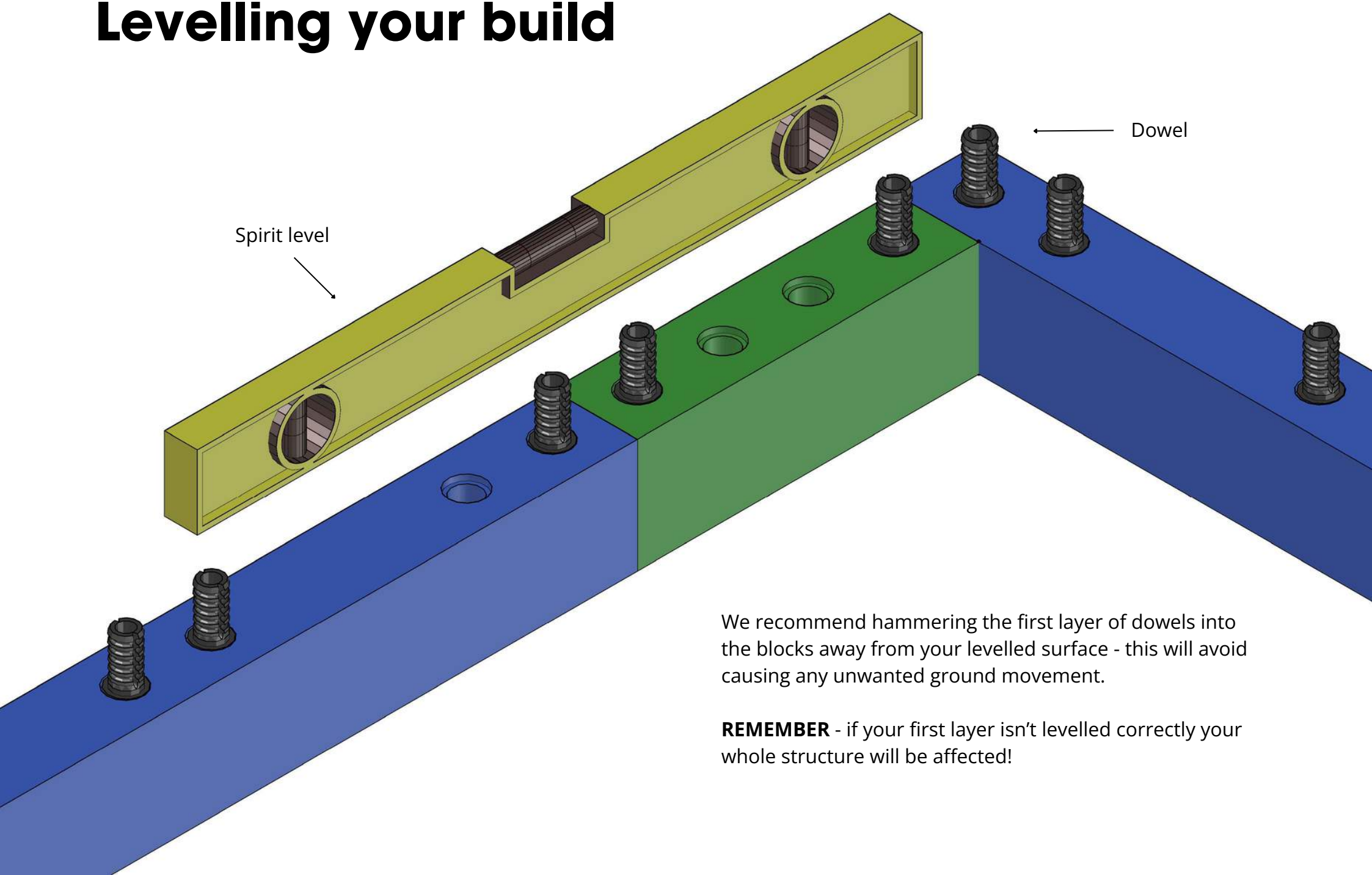
# Starting your build




**IMPORTANT** - never build WoodBlocX on uneven ground! Starting on a suitable and level surface is very important, even when building on a slope.

We recommend compacting the ground before building your structure.

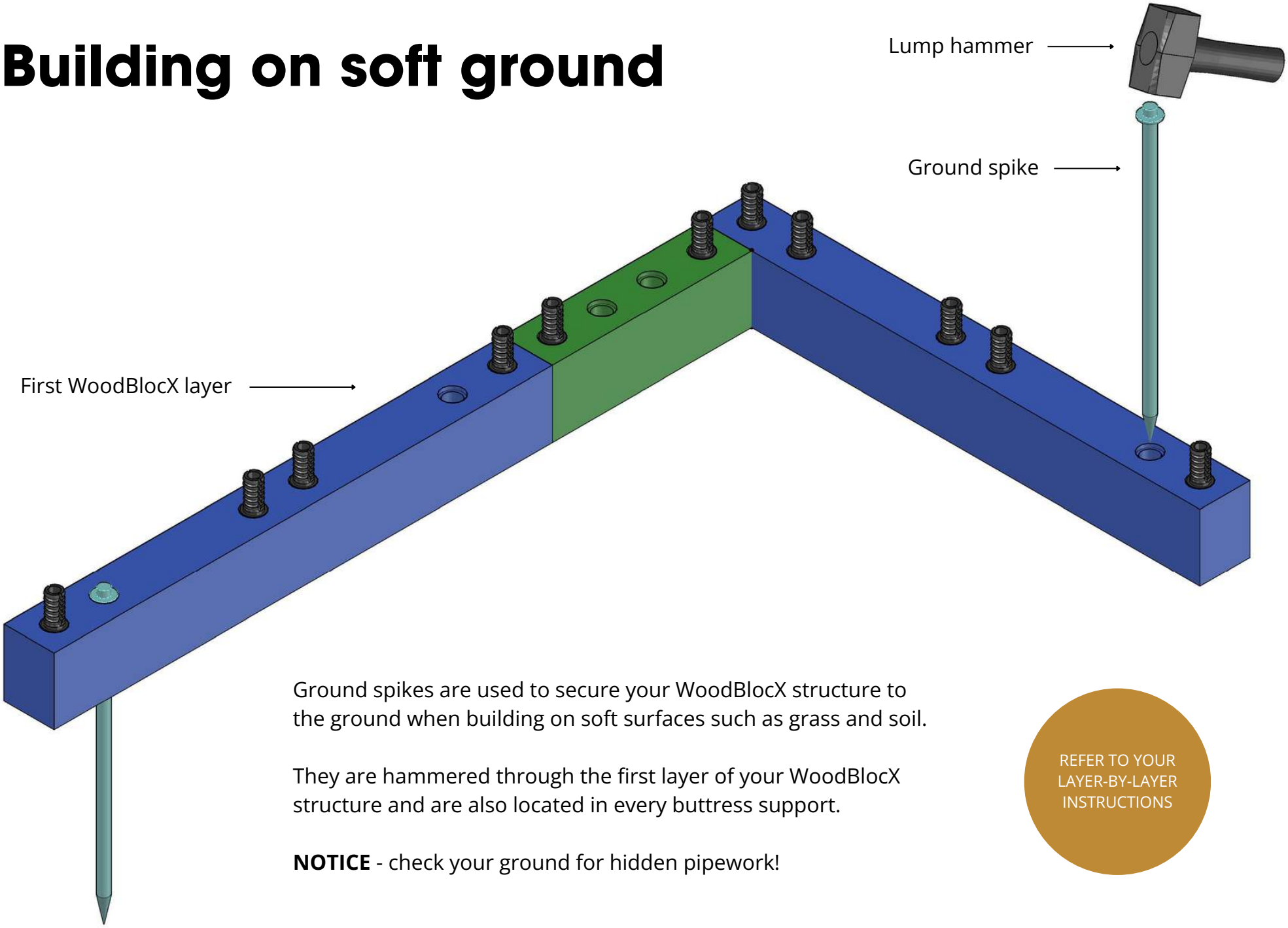
# Levelling your build




We recommend hammering the first layer of dowels into the blocks away from your levelled surface - this will avoid causing any unwanted ground movement.

**REMEMBER** - if your first layer isn't levelled correctly your whole structure will be affected!

# Building on soft ground




Ground spikes are used to secure your WoodBlocX structure to the ground when building on soft surfaces such as grass and soil.

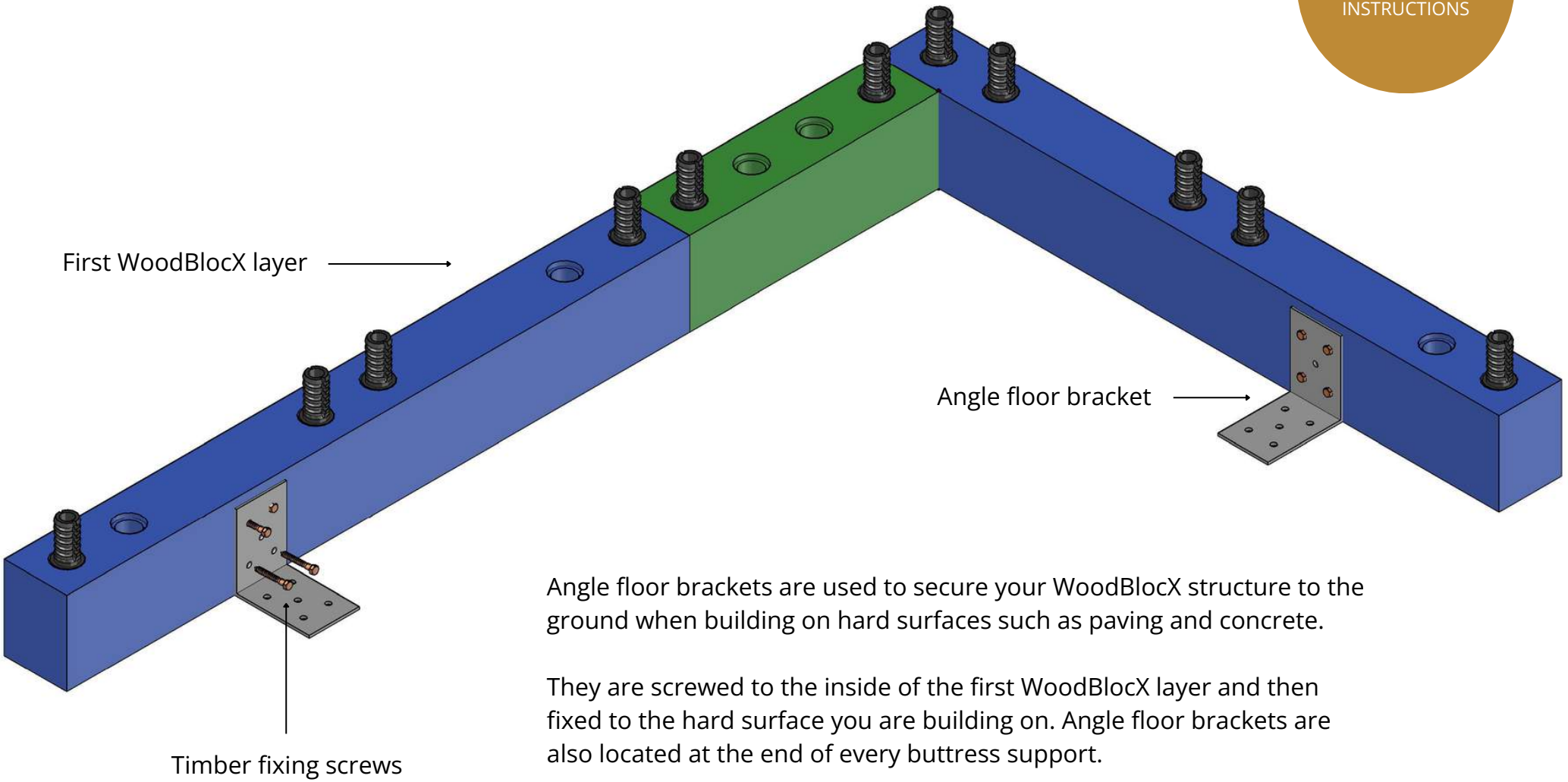
They are hammered through the first layer of your WoodBlocX structure and are also located in every buttress support.

**NOTICE** - check your ground for hidden pipework!

REFER TO YOUR LAYER-BY-LAYER INSTRUCTIONS

# Building on hard ground

REFER TO YOUR LAYER-BY-LAYER INSTRUCTIONS

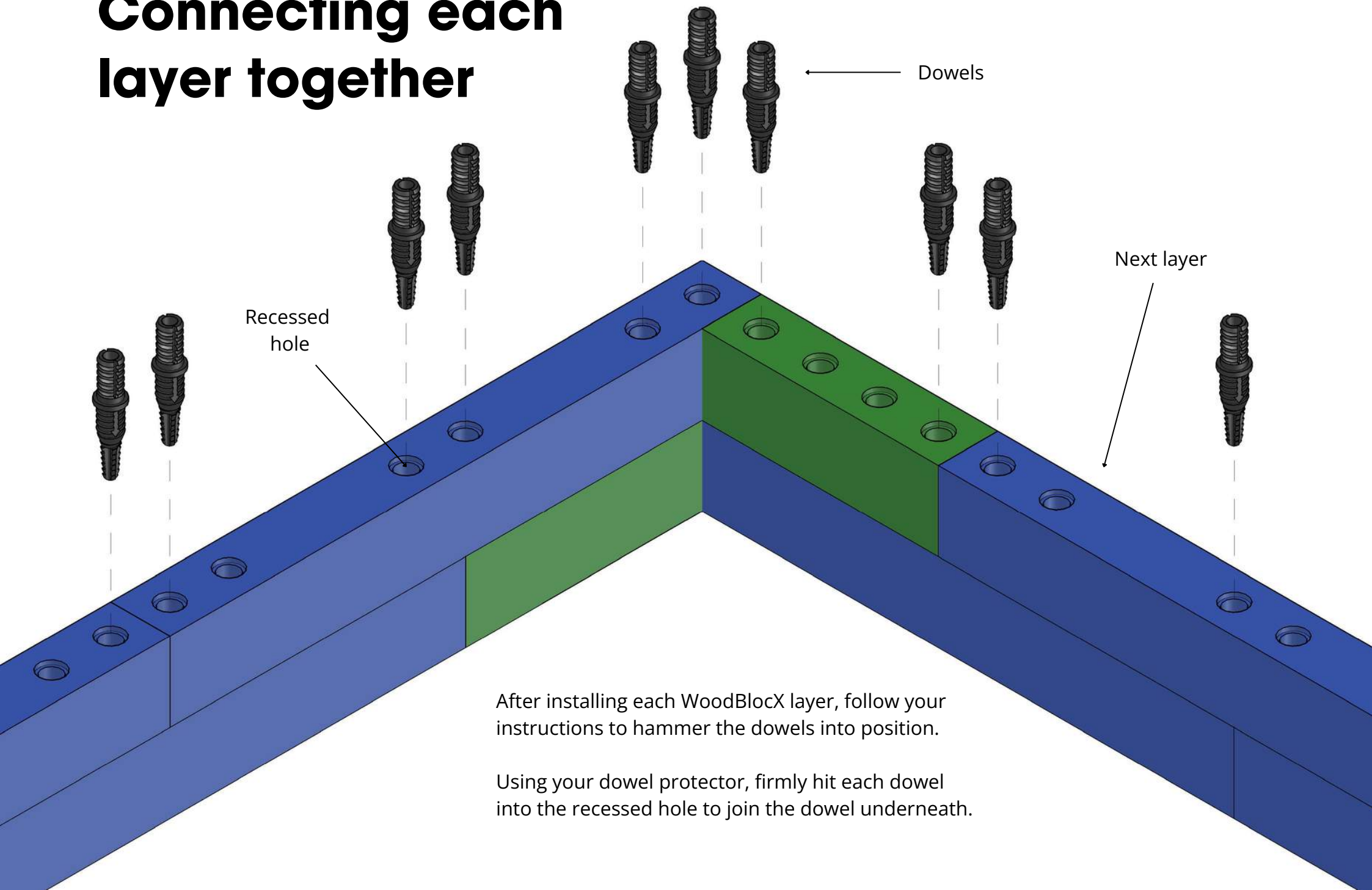



Angle floor brackets are used to secure your WoodBlocX structure to the ground when building on hard surfaces such as paving and concrete.

They are screwed to the inside of the first WoodBlocX layer and then fixed to the hard surface you are building on. Angle floor brackets are also located at the end of every buttress support.

**NOTICE** - you will need to source suitable fixings to securely attach the brackets to your hard ground type.

# Connecting each layer together



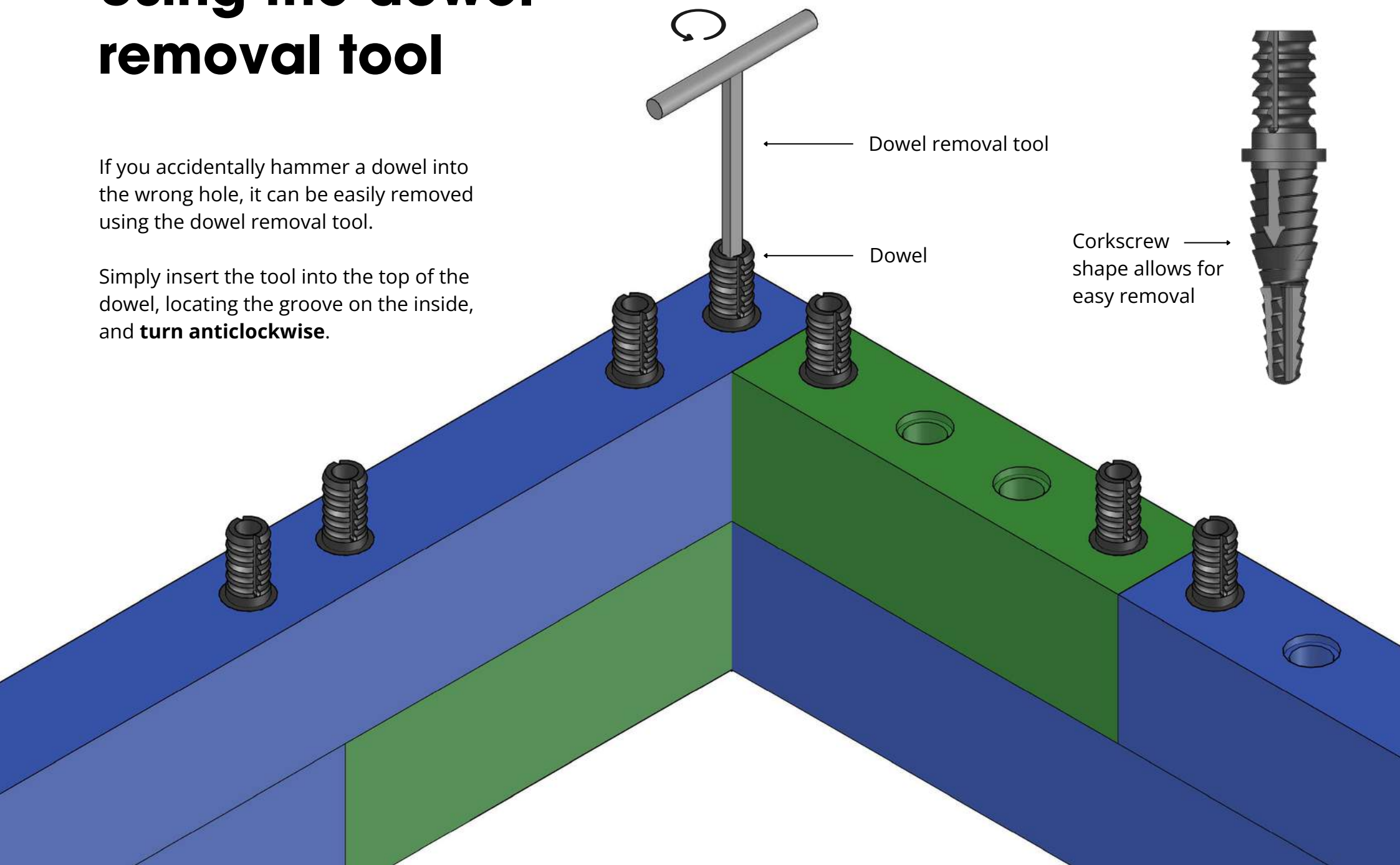

After installing each WoodBlocX layer, follow your instructions to hammer the dowels into position.

Using your dowel protector, firmly hit each dowel into the recessed hole to join the dowel underneath.

# Using the dowel removal tool

If you accidentally hammer a dowel into the wrong hole, it can be easily removed using the dowel removal tool.

Simply insert the tool into the top of the dowel, locating the groove on the inside, and **turn anticlockwise**.



1

**Pre-cut final layer dowels** - before adding liner or the finishing capping layer, get your dowels ready!

2

COVER ALL SUPPORTING BUTTRESSES WITH LINER

**Get your liner into position** - make small incisions for the final layer dowels to push through the liner.

3

**Trap your liner with dowels** - hammer through your final layer dowels to secure the liner to the structure.

4

**Trim excess liner with a sharp knife** - using a retractable blade carefully cut away overhanging liner.

5

PAGE 12 - GENERAL BUILDING INSTRUCTIONS

**Install your angle corner plates** - use your dowel protector to hammer these plates firmly into place.

6

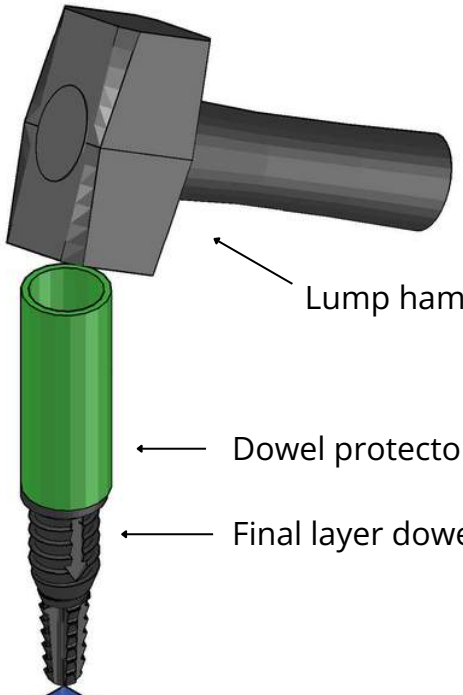
**Knock on your capping layer** - use a spare BlocX to protect the wood when hammering. **JOB DONE!**

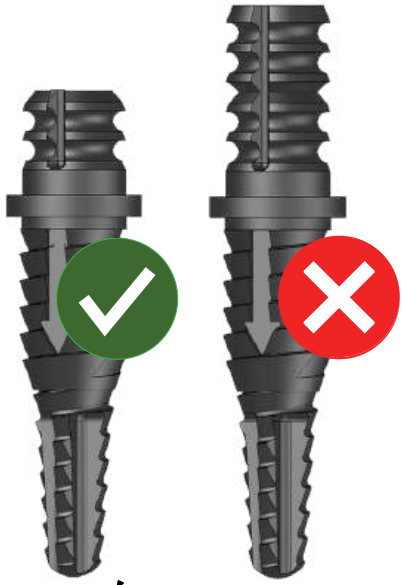
# Final layer dowels

**Before adding capping...**

WoodBlocX designs now use final layer dowels. These are pre-cut to fit correctly under your capping layer.

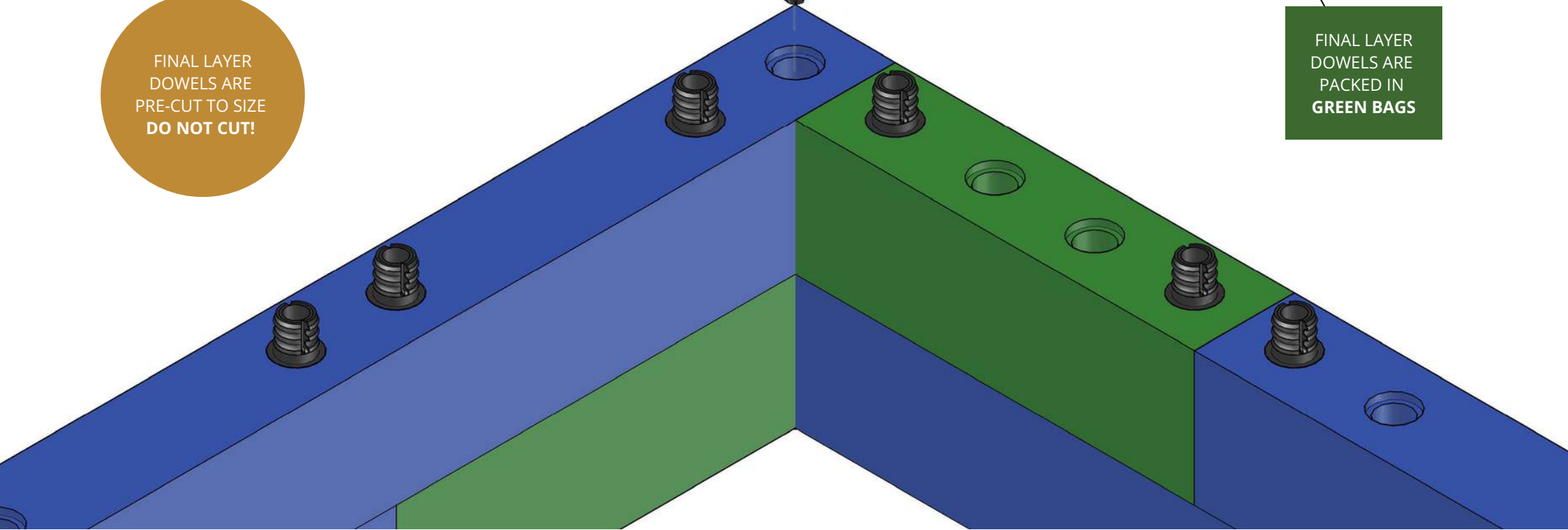
Using your dowel protector, hammer the final layer dowels into place - you are then ready to install your capping layer.



FINAL LAYER DOWELS ARE PACKED IN **GREEN BAGS**

FINAL LAYER DOWELS ARE PRE-CUT TO SIZE **DO NOT CUT!**



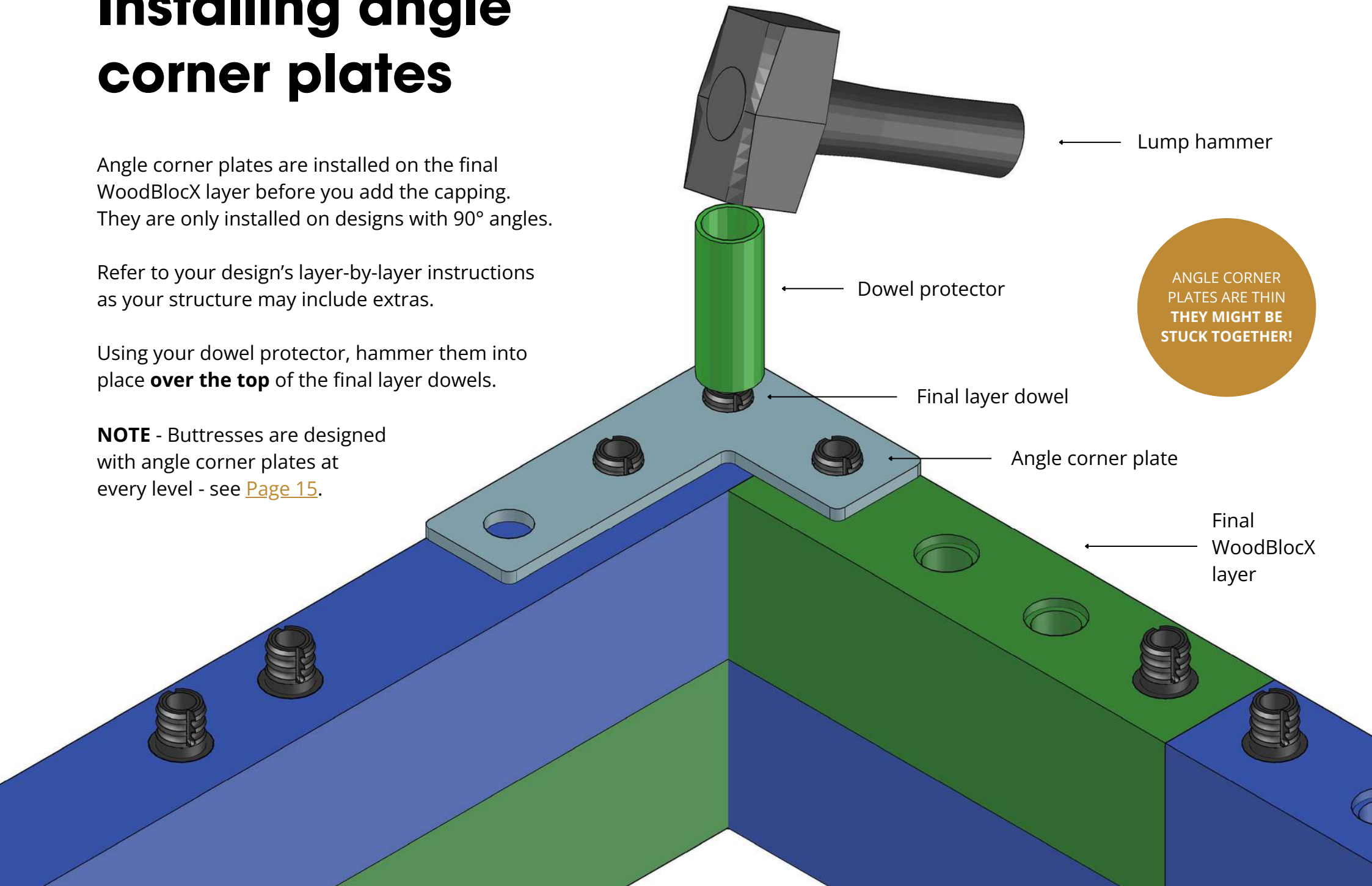
# Installing angle corner plates

Angle corner plates are installed on the final WoodBlocX layer before you add the capping. They are only installed on designs with 90° angles.

Refer to your design's layer-by-layer instructions as your structure may include extras.

Using your dowel protector, hammer them into place **over the top** of the final layer dowels.

**NOTE** - Buttresses are designed with angle corner plates at every level - see Page 15.

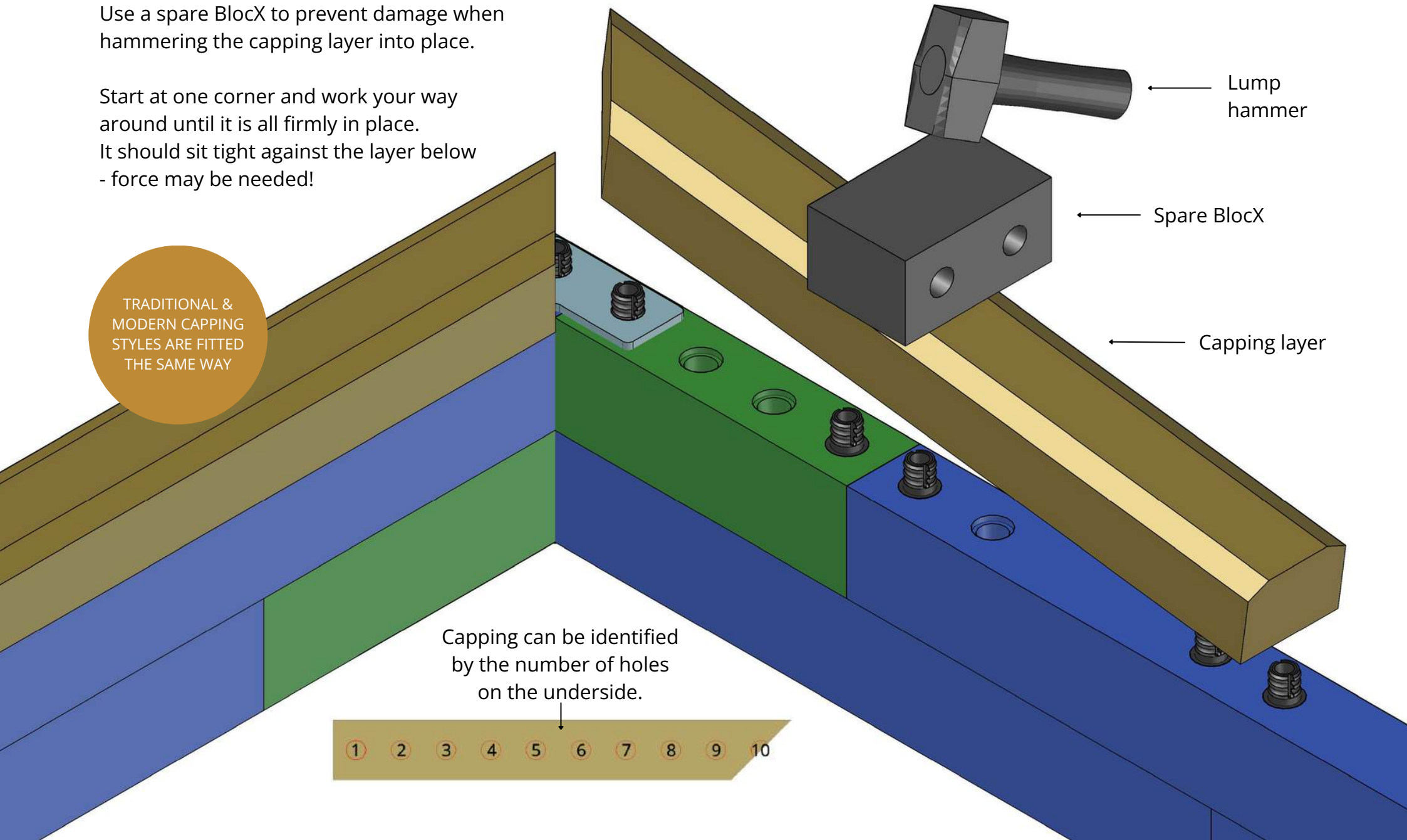


# Adding the capping layer

Use a spare BlocX to prevent damage when hammering the capping layer into place.

Start at one corner and work your way around until it is all firmly in place.
It should sit tight against the layer below - force may be needed!

TRADITIONAL & MODERN CAPPING STYLES ARE FITTED THE SAME WAY



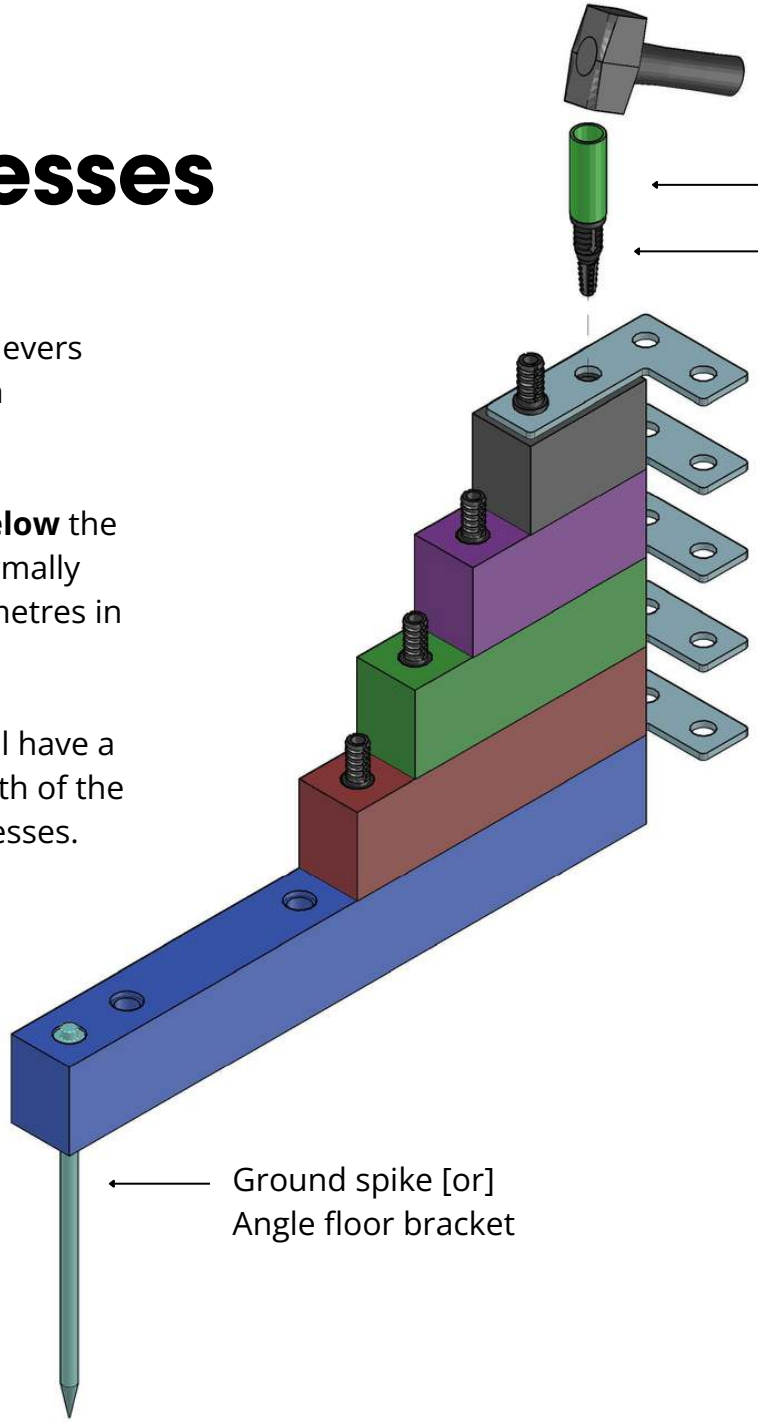
# If your design includes buttresses

WoodBlocX buttress supports act as cantilevers under the weight of soil, keeping the main structure supported and strong.

Buttresses will always **finish one layer below** the main height of the structure. They are normally only required in structures larger than 2 metres in length and above 25cm in height.

In some instances, WoodBlocX designs will have a complete brace support spanning the width of the structure, rather than free standing buttresses.

REFER TO YOUR LAYER-BY-LAYER INSTRUCTIONS




Dowels on the last level of the buttress **go over** the angle corner plate rather than under it.

Only do this on the top layer of the buttress support otherwise the next WoodBlocX layer won't fit correctly!

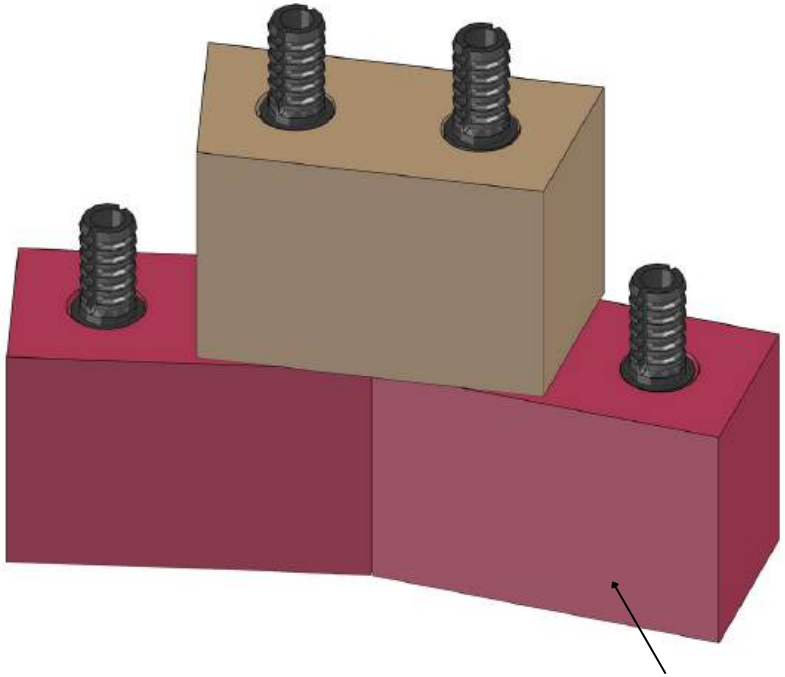
Angle corner plates must be installed to tie the buttress to the main structure.

# If your design includes curves

Curved WoodBlocX sections are created from specially cut blocks which are countersunk on both sides.

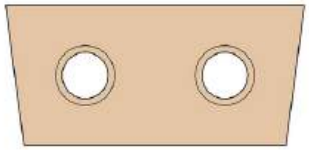
Each curved joint creates a 15° angle. These angles are achieved using a combination of our curved WoodBlocX.

Due to their size, levelling these WoodBlocX can be difficult. We suggest you build them in sections on a firm level surface and then position them into place once built.



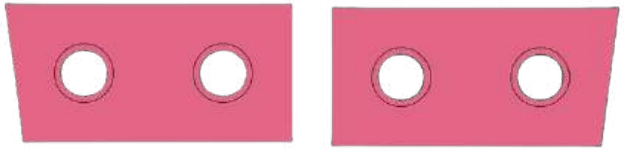
Built assembly with dowels

BLOCX-A15

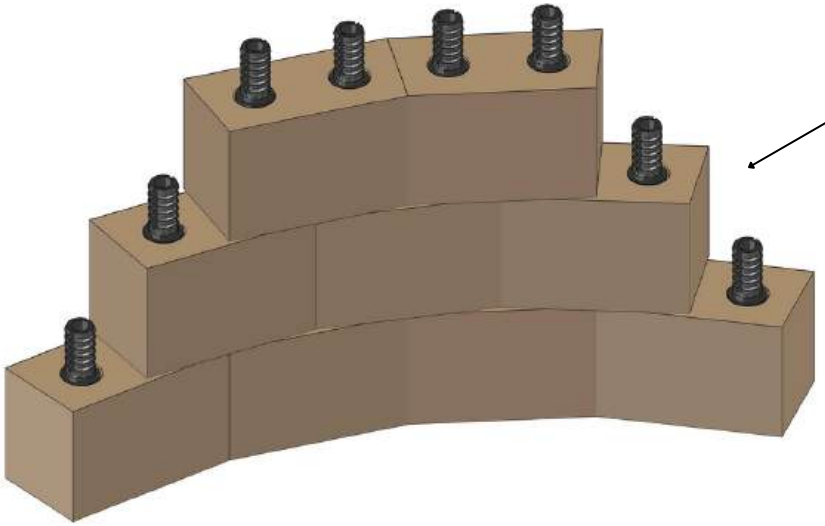


Mitred on both sides

BLOCX-A07 BLOCX-A07



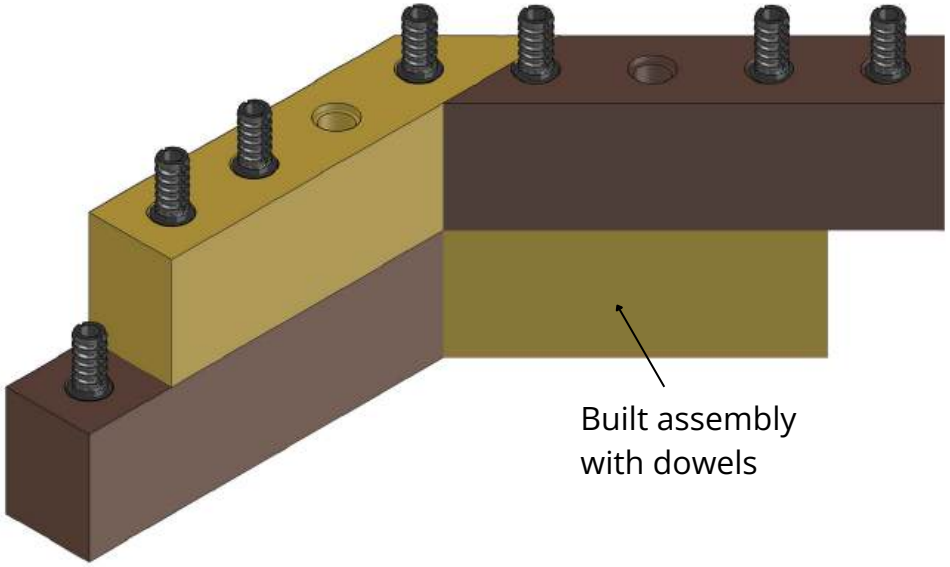
Mitred on one side

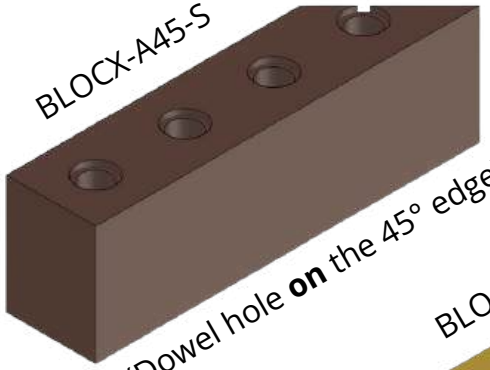


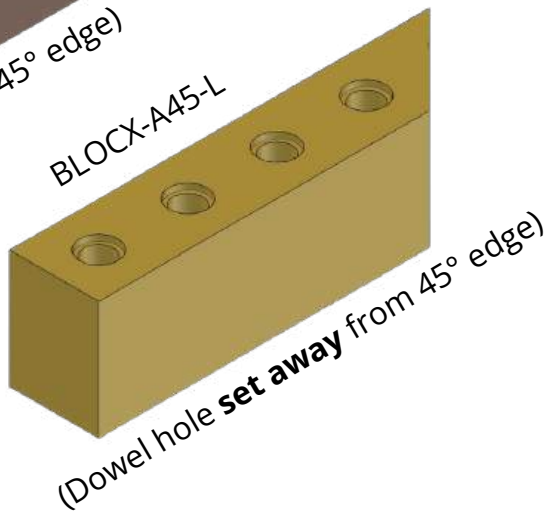
# If your design includes 45° BlocX

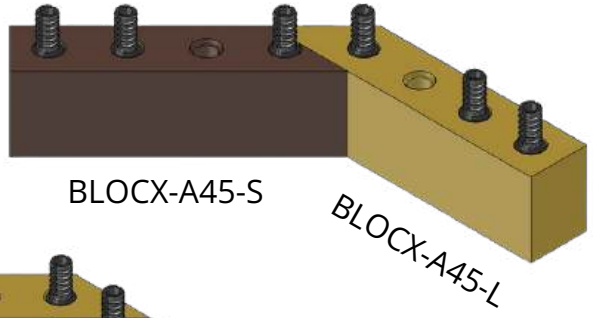
45° angled WoodBlocX sections are created from specially cut WoodBlocX which are countersunk on both sides.

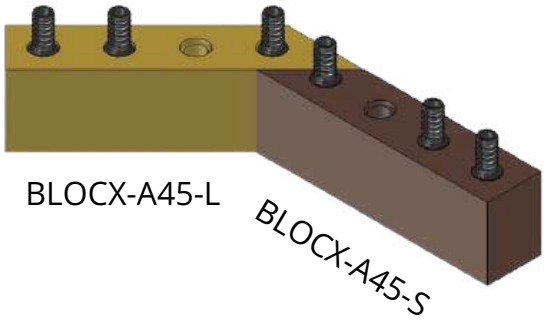
There are two types of 45° BlocX - long and short. These WoodBlocX combine as shown below to create obtuse 135° angles in our structures.



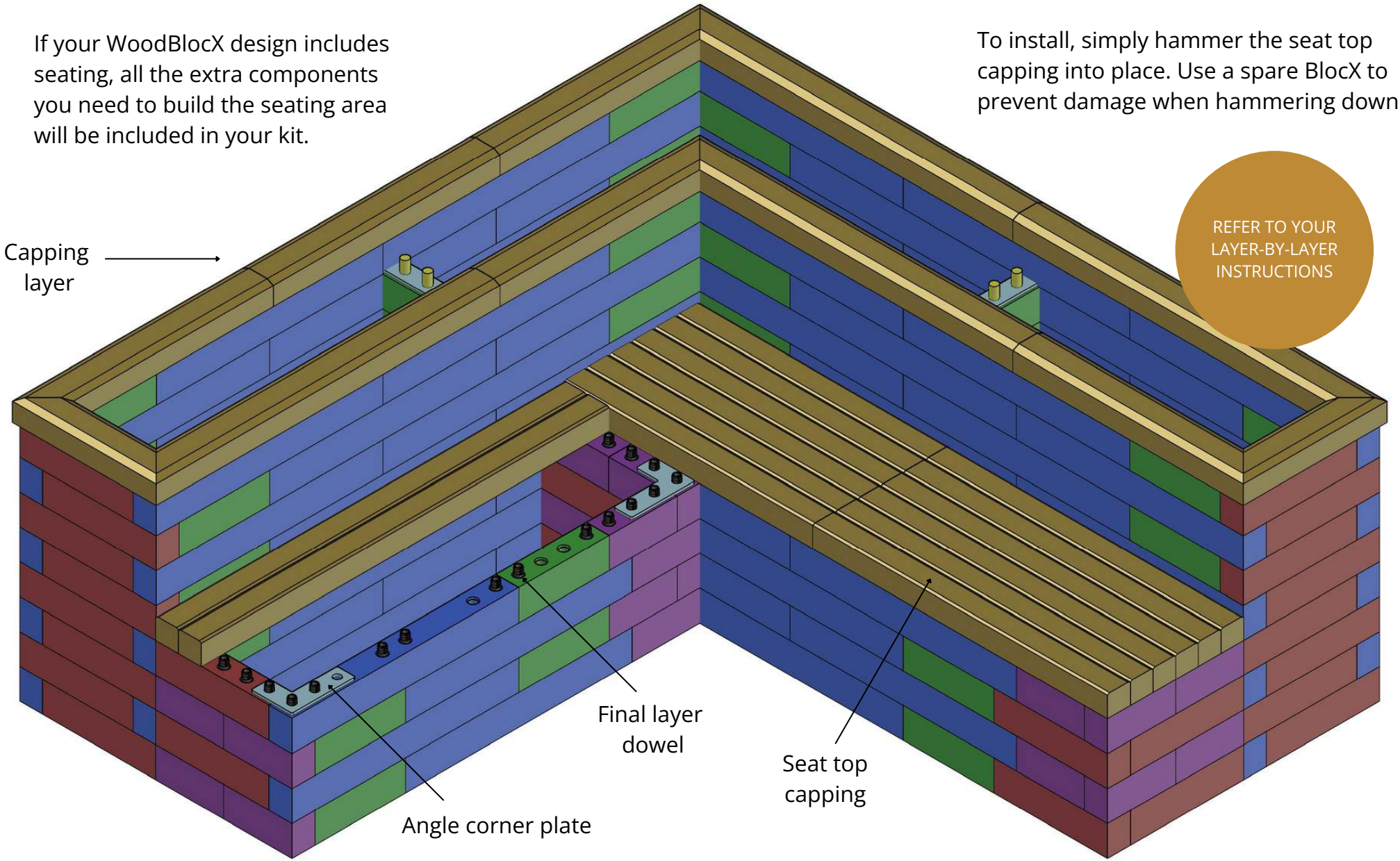



# Building seating

If your WoodBlocX design includes seating, all the extra components you need to build the seating area will be included in your kit.

WoodBlocX seating areas are created from specially cut seat top capping which is pre-drilled only on the underside.

To install, simply hammer the seat top capping into place. Use a spare BlocX to prevent damage when hammering down.




REFER TO YOUR LAYER-BY-LAYER INSTRUCTIONS

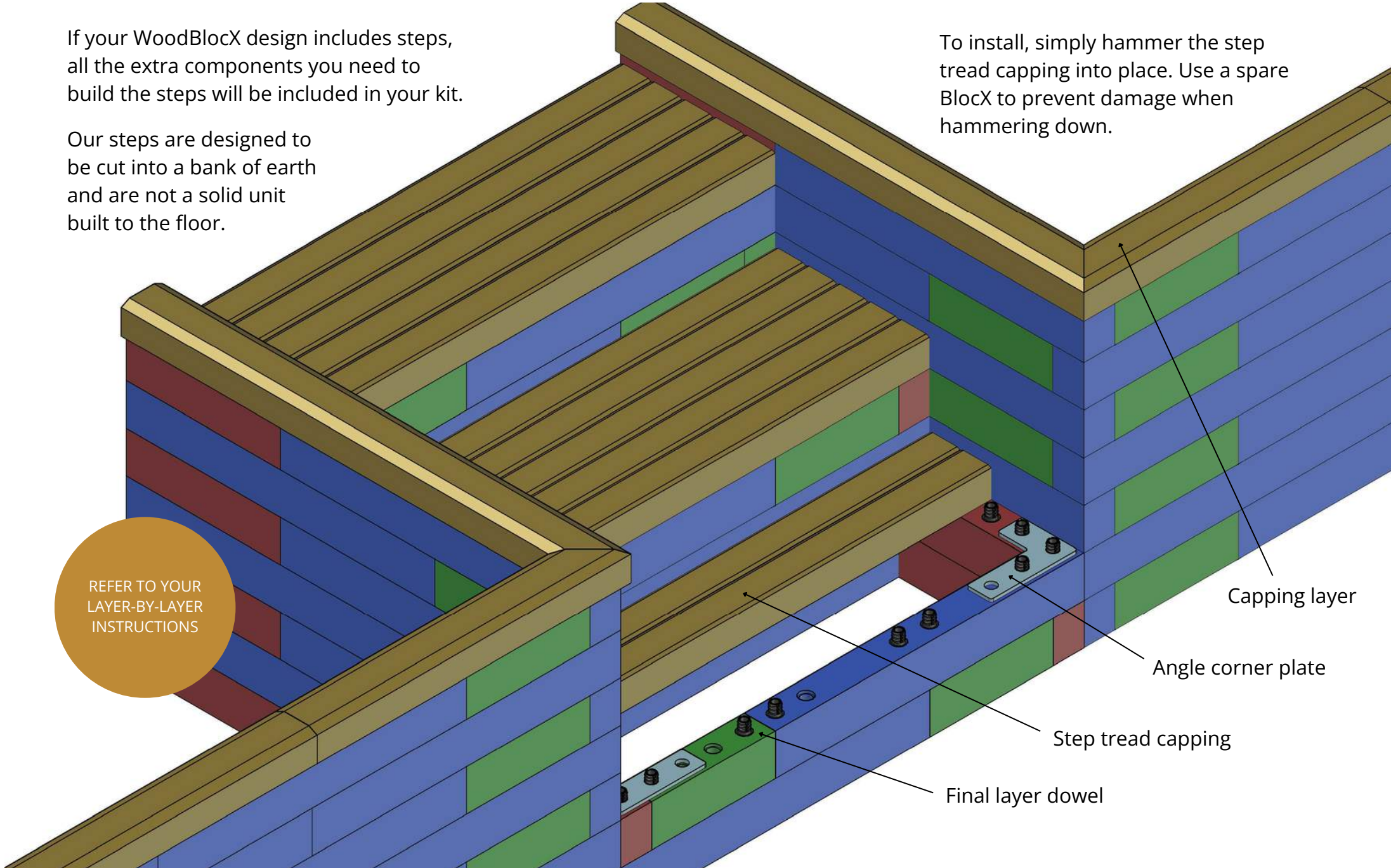
# Building steps

If your WoodBlocX design includes steps, all the extra components you need to build the steps will be included in your kit.

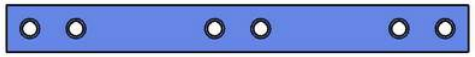
Our steps are designed to be cut into a bank of earth and are not a solid unit built to the floor.

WoodBlocX steps are created from specially cut step tread capping which is pre-drilled only on the underside.

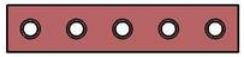
To install, simply hammer the step tread capping into place. Use a spare BlocX to prevent damage when hammering down.



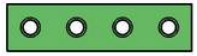
# WoodBlocX colour code



**BLOCX-10** (L 750 x W 75 x H 100 mm)

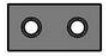


**BLOCX-05** (L 375 x W 75 x H 100 mm)

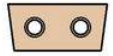


**BLOCX-04** (L 300 x W 75 x H 100 mm)

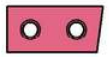
**BLOCX-03** (L 225 x W 75 x H 100 mm)



**BLOCX-02** (L 150 x W 75 x H 100 mm)

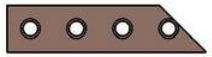


**BLOCX-A15** (L 160 x W 75 x H 100 mm)



**BLOCX-A07** (L 155 x W 75 x H 100 mm)

**BLOCX-A45-L** (L 353 x W 75 x H 100 mm)



**BLOCX-A45-S** (L 322 x W 75 x H 100 mm)

Standard dowel

Final layer dowel

Angle corner plate

Ground spike

Angle floor bracket

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WOOD BLOCX

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