



Outdoor Courts Australia

DIY Court Install Success Pack

Australia-wide DIY court solutions backed by the proven
success and experience of

Adelaide Outdoor Courts in SA

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Step 1: Choose Your Court Location

Select the area where you would like to install your court.

For the best playing experience, we recommend positioning your basketball hoop so players are facing **North, South, or East** when shooting.

Avoid a West-facing hoop position where possible, as the afternoon sun can create significant glare and reduce visibility during play.

Things to Consider

- ✓ Available space for your desired court size
- ✓ Safe clearance from buildings, fences, trees, and other obstacles
- ✓ Site access for construction equipment and materials
- ✓ Surface drainage and water runoff
- ✓ Sun position throughout the day

Pro Tip: Take photos of your proposed court area from several angles and use AI to create the court in that area. AT Adelaide Outdoor Courts we find this helps us show customers a reference design.

Step 2: Measure Your Available Space

Carefully measure the **width and length** of the area where you intend to install your court.

Record these measurements accurately, as they will be required when ordering your court and preparing your custom design.

Recommended Court Sizes

We recommend a **minimum court size of 4.5m wide x 6m long** for a functional shooting and play area.

As a guide:

Court Size	Suitable For
4.5m x 6m	Entry-level shooting court
5m x 8m	Compact family court

6m x 9m Premium backyard court

Larger
Sizes Advanced training and multi-sport
applications

The majority of our installations are between **5–6 metres wide and 8–9 metres long**, which provides an excellent balance between playability and available space in modern Australian backyards.

Hoop Recommendation

For courts within these size ranges, we recommend a **60-inch adjustable basketball hoop system (Megaslams is our professional choice) for value, quality and service**, providing a professional playing experience while maintaining suitable clearance around the court.

Helpful Tips

- ✓ Measure twice to ensure accuracy
- ✓ Check for obstacles such as air-conditioning units, downpipes, retaining walls, trees, and garden beds
- ✓ Allow sufficient room around the court for safe player movement
- ✓ Take photos and note any site features that may affect the design

Pro Tip: Sketch a simple plan of your yard and write the measurements directly onto the drawing to give you an idea of the layout.

Step 3: Choose Your Basketball Hoop System

Selecting the right hoop system is an important part of your court project and will influence both the playing experience and installation requirements.

At Outdoor Courts Australia, we recommend **Megaslam Basketball Systems**. As a South Australian-based company, Megaslam has built a strong reputation for supplying high-quality basketball systems that offer excellent value, durability, and performance. At **Adelaide Outdoor Courts** we almost exclusively use Megaslam unless a customer chooses otherwise.

The team at Megaslam, owner Tony and his son Aaron, have extensive industry knowledge and are always willing to provide advice and support when selecting the right system for your needs. Visit [Megaslam.com.au](https://www.megaslam.com.au) or give them a call and mention us.

Choosing a Hoop System

There are many basketball hoop systems available on the market, and you may have already researched or selected an alternative brand. The choice is ultimately yours, provided the system is suitable for your intended use and court size.

Common options include:

- ✓ Adjustable in-ground systems
- ✓ Fixed-height in-ground systems
- ✓ Wall-mounted systems
- ✓ Portable systems (where suitable)

Safety Is Critical

Every basketball hoop system has its own unique installation requirements.

The manufacturer's installation instructions **must be followed exactly** to ensure the system is installed safely and performs as designed.

Failure to follow the manufacturer's instructions may result in:

- Damage to the hoop system
- Reduced performance and lifespan
- Structural failure
- Serious injury to players or bystanders

Before You Begin

Before commencing any excavation or concrete work:

- ✓ Confirm the exact hoop model you are purchasing
- ✓ Download and read the manufacturer's installation guide
- ✓ Verify footing dimensions and concrete requirements
- ✓ Check setback distances from fences, walls, and other structures
- ✓ Ensure you understand all curing times before installing the hoop

Important: Outdoor Courts Australia provides court design and installation guidance only. The hoop manufacturer's installation instructions always take precedence and must be followed at all times.

Step 4: Engage a Suitable Earthmoving & Concrete Contractor

By this stage, your court dimensions should be confirmed, your order should be underway, and your basketball hoop system should have been purchased.

You must have your hoop system on-site before the concrete is installed.

The hoop mounting kit is supplied with the hoop system and will be required by your contractor during construction.

Choosing the Right Contractor

We strongly recommend selecting a contractor who has:

- ✓ Completed similar concrete projects previously
- ✓ Been recommended by a friend, family member, or colleague
- ✓ Demonstrated quality workmanship through previous projects and reviews

Concrete is a permanent part of your court project and mistakes can be expensive to rectify. Taking the time to choose the right contractor can save significant cost and frustration later.

Information Your Contractor Will Need

Provide your contractor with:

- Your final court dimensions
- The hoop manufacturer's installation guide
- The hoop mounting kit supplied with your hoop system
- Any approved court plans or drawings

CRITICAL: Hoop Mount Installation

This is the single most important stage of the entire project.

The hoop mounting plate determines where your basketball hoop will sit for the life of the court. If it is installed incorrectly, the entire court can appear off-centre and may require costly rectification works.

The Hoop Mount Must Be:

- ✓ Perfectly centred across the width of the court
- ✓ Installed at the correct setback distance from any wall, fence, retaining wall, or structure behind the hoop
- ✓ Installed exactly as specified by the hoop manufacturer
- ✓ Completely flat and level in all directions
- ✓ Securely fixed within the concrete footing as per the manufacturer's instructions

Important Warning

 **The hoop mount position and level MUST be checked before the concrete is poured.**

 **A hoop mount that is out of position, out of level, or incorrectly set back can affect the appearance, performance, and safety of your court.**

 **Once the concrete has cured, correcting mistakes can be extremely difficult and expensive.**

Outdoor Courts Australia Tip: Before the concrete is poured, stand back and visually confirm the hoop mount is centred on the court and positioned exactly where you want the hoop. Taking five minutes to double-check this stage can save thousands of dollars and many hours of rework later.

Before the Contractor Leaves Site

Before signing off on the work, confirm:

- ✓ Hoop mount is centred
- ✓ Hoop mount is level
- ✓ Correct setback distance has been achieved
- ✓ Concrete dimensions match your approved court size
- ✓ Surface is smooth, clean, and free from significant defects

Additional Information for Step 4: Concrete Finish Requirements

CRITICAL: Concrete Surface Finish

The quality and finish of the concrete slab are just as important as the placement of the hoop mount.

To achieve the best possible result when installing your court tiles, the concrete surface should be:

- ✓ Flat and free from significant high or low spots
- ✓ Finished with a consistent fall (slope) to assist with drainage
- ✓ Ideally graded in a single direction wherever practical
- ✓ Fully cured in accordance with your contractor's recommendations

Recommended Surface Finish

We recommend a **smudge finish** or **light broom finish** on the concrete surface.

This provides sufficient texture for the court tiles to grip the slab and helps minimise any potential sideways movement of the court over time.

Avoid

- ✗ Highly polished or burnished concrete finishes
- ✗ Excessively rough finishes that may create uneven tile installation
- ✗ Low spots where water can pond
- ✗ Multiple changes in fall direction where possible

Final Inspection Checklist

Before your contractor leaves site, confirm:

- ✓ Concrete dimensions match your approved court size
- ✓ Hoop mount is centred correctly
- ✓ Hoop mount is perfectly level
- ✓ Correct hoop setback has been achieved
- ✓ Surface is flat and consistent
- ✓ Drainage fall has been provided
- ✓ Surface has a suitable smudge or light broom finish
- ✓ No major cracks, depressions, or defects are present

Outdoor Courts Australia Tip: Court tiles are designed to follow the concrete surface beneath them. Any imperfections in the slab can often be seen or felt through the finished court, so spending a little extra time and care on the concrete stage will deliver a much better finished product.

Step 5: Assemble and Install Your Basketball Hoop

Once the concrete has been poured, you must allow sufficient time for it to cure before installing your hoop system.

Concrete Curing Time

As a minimum, we recommend waiting **at least 72 hours** before commencing hoop installation.

Your concrete contractor may recommend a longer curing period depending on weather conditions, concrete mix, and site-specific factors. Always follow their advice.

Hoop Assembly

Depending on the hoop system you have chosen, assembly can be a substantial task.

Most premium in-ground systems will require:

- ✓ 3-5 capable adults
- ✓ Appropriate tools as specified by the manufacturer
- ✓ Plenty of space around the assembly area
- ✓ Several hours to complete safely

Follow the Manufacturer's Instructions

Every hoop system is different.

The manufacturer's installation guide must be followed exactly as supplied.

Do not skip steps, modify components, or substitute fixings unless specifically approved by the manufacturer.

Safety First

Remember that this structure will be positioned above players and spectators.

For this reason, it is essential that:

- ✓ All bolts and fixings are installed correctly
- ✓ All components are assembled as specified
- ✓ The hoop is securely attached to the mounting plate
- ✓ Final checks are completed before use

Important Usage Information

No basketball hoop system should be considered:

- ✗ "Hang proof"
- ✗ Indestructible

Even professional-grade systems can be damaged through misuse.

At Adelaide Outdoor Courts here in SA, we conduct a static cantilever load test of up to **100kg** during installation to confirm the system has been assembled correctly and is functioning as intended.

However, this is **not** an indication that the hoop is designed for hanging, swinging, or climbing.

IMPORTANT SAFETY WARNING

- ⚠ **DO NOT hang from the rim, net, backboard, or support arms.**
- ⚠ **DO NOT allow children or adults to swing from the hoop.**
- ⚠ **Repeated hanging or dunking can damage the hoop system and may create a safety risk.**

Outdoor Courts Australia Tip: The quickest way to shorten the life of a basketball system is to hang from it. Treat your hoop with care and it will provide many years of reliable performance and enjoyment.

Enjoy Your New Court Area While You Wait

One of the benefits of the Outdoor Courts Australia DIY model is that you don't have to wait until the tiles arrive to start enjoying your new space.

By this stage, your:

- ✓ Court location has been selected
- ✓ Concrete slab has been completed
- ✓ Hoop system has been installed
- ✓ Court order has been manufactured and shipped

While your custom court tiles are making their way to you, your new concrete playing area is already ready for use.

Start Playing Now

Many customers begin enjoying their new space immediately by:

- Practising shooting drills
- Playing casual games with family and friends
- Using the area for fitness and exercise
- Setting up temporary sports activities

This allows you to start getting value from your investment straight away while your premium court surface is being delivered.

Your Court Is On The Way

As part of the Outdoor Courts Australia process, your court is custom manufactured specifically for your order.

Once production is complete and quality checks have been completed, your tiles are packed and shipped directly to your address.

Its worth the wait!

Get Ready for Installation

Before your tiles arrive:

- ✓ Ensure the concrete surface is clean and free from debris
- ✓ Remove any construction materials from the area
- ✓ Confirm all boxes can be delivered close to the court
- ✓ Organise a few family members or friends to help with installation if required

Outdoor Courts Australia Tip

The installation of the court tiles is often the most exciting stage of the project. Most customers are surprised at how quickly the court comes together once the tiles arrive, transforming a plain concrete area into a professional-looking sports court.

Another tip is do it while the kids are at school and watch their excitement when they come home to a brand new custom home court!!!! This is the part we love!

Step 6: Unpack and Lay Out Your Court Tiles

Once your court has been delivered, the fun really begins!

Before starting the installation, take a few minutes to confirm that all boxes have been delivered and that there is no obvious damage to the packaging.

Move the Tiles to the Court Area

Court tile boxes can be quite heavy, particularly on larger court orders.

We recommend:

- ✓ Moving the boxes directly to the court area before unpacking
- ✓ Using a sack truck or trolley to make transport easier
- ✓ Asking a friend or family member to assist if required

Check Your Delivery

Before opening all the boxes, confirm:

- ✓ The correct number of boxes has been delivered
- ✓ Any accessories, edging, and line-marked tiles are present
- ✓ There is no significant damage to the contents

If you notice any issues, contact Outdoor Courts Australia before proceeding, we'll have advice, can follow up with couriers for lost items and will usually have local SA stock to ship out immediately if required, the benefit of using us.

Lay Out the Court Like a Giant Jigsaw Puzzle

Open each box and begin loosely placing the tiles around the court area.

Don't connect them yet.

Simply position them according to the supplied court design so you can visualise the finished layout and confirm all colours and markings are in the correct locations.

Think of this stage as assembling a giant jigsaw puzzle.

Choose Your Starting Point

We recommend starting installation from:

The corner where the left-hand sideline meets the baseline directly beneath the hoop.

While this is not essential, we have found this method makes installation easier and helps maintain a straight, square court as you build outward.

Building the Court

As you begin connecting tiles:

- ✓ Keep the baseline beneath the hoop perfectly straight
- ✓ Keep the left-hand sideline straight as you progress
- ✓ Regularly check alignment as the court grows
- ✓ Work outward across the court from your starting corner

Around the Hoop Post

When you reach the hoop post area:

- ✓ Leave the surrounding tiles loose initially
- ✓ Continue building the main court surface around the post
- ✓ Return to the hoop area later for trimming and final fitting if required

This helps maintain alignment throughout the installation and avoids unnecessary adjustments later.

Outdoor Courts Australia Tip

Take your time during the layout stage. Spending an extra 15–20 minutes checking tile locations before connecting them can save significant time later and ensures your logos, key colours, and line markings finish exactly where they should.

Remember: A straight baseline and sideline create a straight court. Continually check these reference lines throughout the installation process for the best possible result.

Step 7: Cutting Court Tiles

Some tiles may need to be cut to fit neatly around hoop posts, edges, corners, walls, fences, or other fixed objects.

MEASURE TWICE — CUT ONCE

Before cutting any tile:

- ✓ Check the required measurement carefully
- ✓ Mark the cut line clearly with a black sharpie
- ✓ Confirm the tile is facing the correct direction
- ✓ Re-check the measurement before cutting

Once a tile is cut, it cannot be returned to its original size.

Cutting Tools

Court tiles can usually be cut using:

- A new, sharp utility knife for small cuts and fine trimming
- A reciprocating saw with fine toothed blade for longer cuts
- A circular saw with a suitable plastic-cutting blade for straight sections

Safety First

Always take care when using sharp knives or power tools.

- ✓ Wear appropriate eye protection
- ✓ Keep hands clear of cutting lines
- ✓ Cut on a stable surface
- ✓ Do not rush
- ✓ Follow all tool manufacturer safety instructions

Outdoor Courts Australia Tip: Start with small, careful cuts and test-fit the tile before removing too much material. A neat cut will give your finished court a much more professional appearance.

Managing Waste and Spare Tiles

Congratulations! Your court should now be nearing completion.

Tile Waste

If your measurements and cuts have been completed carefully, you should have very little waste remaining from the installation.

Small off-cuts and unused tile pieces can generally be disposed of through your local recycling system where accepted. We recommend checking with your local council's recycling guidelines if you are unsure.

Keep Your Spare Tiles

Most installations will result in a few spare tiles being left over.

Do not throw these away.

We strongly recommend storing any spare tiles in a safe, dry location for future use.

Why Keep Spare Tiles?

While our court tiles are designed to be extremely durable and withstand years of outdoor use, accidents can happen.

Examples include:

- Heavy tools being dropped
- Falling tree branches
- Vehicle impacts
- Construction or landscaping works near the court

Having spare tiles available allows you to quickly replace any damaged sections and keep your court looking its best.

Outdoor Courts Australia Tip

Store your spare tiles somewhere easy to access, such as a garage, shed, or storage area. A few spare tiles can save considerable time and expense if a replacement is ever required.

You're Ready to Play!

Your Outdoor Courts Australia court is now complete and ready to enjoy.

Whether you're practising your jump shot, playing with the kids, training for competition, or simply creating an active outdoor space for family and friends, you've built something that will provide enjoyment for years to come and increased your property value in the process.

NOW SHOW OFF YOUR COURT!!!

Take some photos of your completed court and share them with Outdoor Courts Australia on our socials or email them to us and we'll do it for you.

We love seeing our customers' finished projects and the creative spaces they bring to life.

Thank you for choosing Outdoor Courts Australia.

Enjoy your new court! 🏀🇦🇺

Outdoor Courts Australia

Premium DIY Sports Courts Delivered Direct to Your Door

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