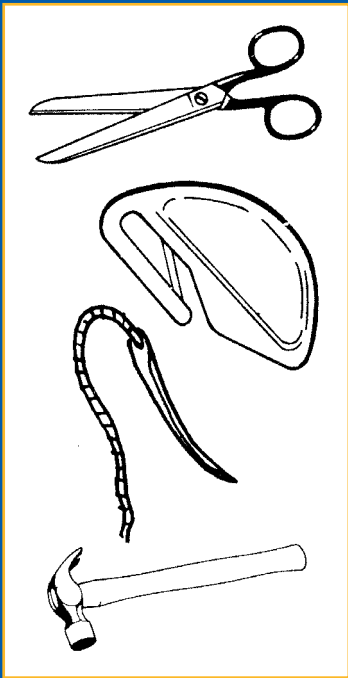


Tools for the job



Shadecloth Cutter or Scissors

(for cutting and trimming)

Claw Hammer

(for hammering in timber studs or fasteners)

Lacing Needle and

Lacing Cord

(for use with timber or metal frames, steel posts)

All the help you need

✓ Your Materials Checklist

			PRICE
	Shadecloth	knitted or woven in 1830mm or 3660mm widths	
	Timber Studs	for wider timber	
	Timber Fasteners	for softer timbers and narrow beams	
	Butterfly Clips	for timber & metal frames, wire fences	
	Tie Wraps	for metal posts, steel pipes	
	Lacing Cord	for use with lacing needle for timber or metal frames, steel posts	
	Eyelets	for wire fixing	
	Other materials		

Verbal quotes are indicative only. Written quotes on materials are available upon request from your Mitre 10 store.

Shade Factors		
Plants	Climate	
	Cool	Hot
Indoor Plants	50% or 70%	70%
Shrubs	50%	50% or 70%
Ferns	70%	70%
Seedlings	50%	50% or 70%
People	90%	90%



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10/10 handy hints to make the job easier.

■ Make sure any light timber structures are well braced before driving in timber fasteners. You don't want it collapsing on you.

■ Minimise flapping of the shadecloth in high wind areas by running strong wires diagonally across the structure or frame, both under and over the cloth.

■ To prevent rips or tears, use 5cm wide webbing for reinforcing edges wherever necessary.

MITREPLAN



Use shadecloth in your garden

IMPORTANT: This project planner has been produced to provide basic information and our experienced staff are available to answer any questions you may have. However, this information is provided for use on the understanding that Mitre 10 is not liable for any claim, cost, expense, loss or damage which is suffered or incurred (including but not limited to indirect or consequential loss), for any personal injury or damage to property suffered or sustained as a result of or arising out of or in any way connected with using the information contained in this MitrePlan Project Planner. Mitre 10 advises you to call in a qualified tradesperson, such as an electrician or plumber, where expert services are required, and to independently assess any safety precautions that will need to be followed prior to using the information in this MitrePlan Project Planner.

WARNING: There may be by laws or regulations of councils or other statutory bodies that you must comply with when following this MitrePlan Project Planner.



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MITREPLAN

Use shadecloth in your garden



MITRE 10 All the help you need

PROJECT PLANNER

An easy-to-follow guide to achieving a 10/10 result.

Outlines all the tools you will need for the job.

Including materials checklist.

PLEASE NOTE:
Before starting this project or buying any materials, it is well worth your time to read through all steps first to be sure you understand what is required.

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No. 13

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Selecting and installing shadecloth is easy – with a little help from Mitre 10.

Add shadecloth to your home and garden and you have the perfect answer for your outdoor summer living. Shadecloth will screen out the harsh, hot sun while allowing diffused light to shine through and turn your pergola or free-standing gazebo into a shady backyard oasis.

But, with a little imagination, you can use shadecloth in all sorts of other exciting ways to create shady nooks in your garden for entertaining, family living or to provide needed shelter for your plants.

And putting up your own shadecloth really is a breeze, as you'll see in the step-by-step instructions in this Project Planner. The type of shadecloth and fasteners that you'll need will vary according to the area to be covered and what it's to be attached to. The best way is to take your measurements to Mitre 10.

They'll help you work out the tools and materials you'll need.



Red edge
50%
U.V. Block

Blue edge
70%
U.V. Block

Lime Green
edge 90%
U.V. Block



Step 1: Choosing your shadecloth

Shadecloth is a tough, durable fabric made specifically to withstand the harsh Australian sun and prolonged exposure to weather extremes. Knitted shadecloth is particularly ideal. It won't tear or fray when cut, making it easy to install. And because it won't rot, resists mildew and is unaffected by most horticultural chemicals, it is ideal in the garden to promote plant growth and minimise wind, hail and frost damage.

Knitted varieties of shadecloth are tough, strong and durable. Some manufacturers claim knitted shadecloth will last 15 – 20 years – about twice as long as a woven cloth. Creatively applying knitted shadecloth is bound to enhance your outdoor living areas and its strength and long life will save you money in the long run.

Today you also have a bigger choice of lifestyle fashion colours. In the past, Green or Black was all that was available. Now Sandstone, Grey, Sea Green, Eucalypt, Wheat, Heritage Green, Rustic, Sage green/beige and midnight green/champagne are available, allowing you complete freedom of expression to match your outdoor colour schemes.

Step 2: How much shade

You must also consider the density of shadecloth you choose. Shadecloth comes in a range of sun filtering densities to suit different climatic conditions and applications. The most common, accurate U.V. factors are 50%, 70% and now 90%. The most popular with home owners is 70% U.V. factor for covering Pergolas, Gazebos and Ferneries. The 90% is purposely designed for people protection to block the sun's harmful U.V. rays and can be used just about anywhere for just about any application (Fig. 1).

Step 3: How to do it

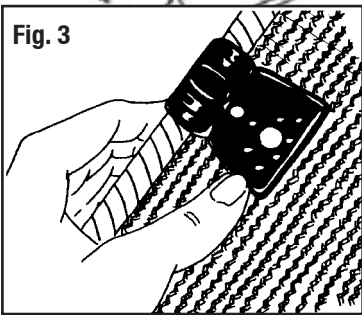
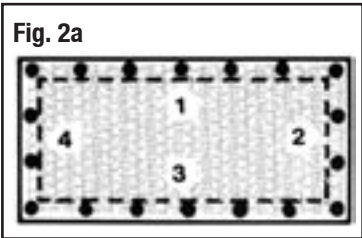
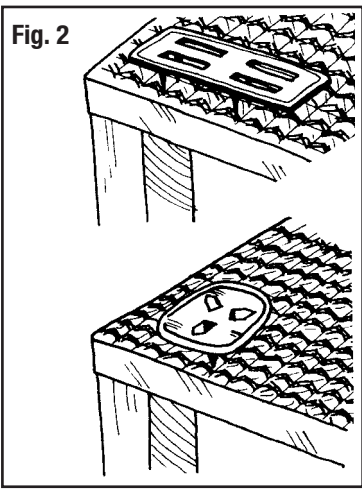
Timber Structures

For timber pergolas, gazebos, ferneries and shadehouses, roll out the shadecloth across your structure, and loosely pull it into position, leaving about 300mm overhang all around.

Knitted fabric can be attached directly onto the frame. Fix one of the longer edges first, or the edge closest to your house. Start at one end, applying medium tension as you move along.

Attach to the timber by driving shadecloth timber studs, or for narrow beams, timber fasteners (Fig. 2). Fix the shadecloth in from the edge of each beam or post with fasteners every 300-600mm. Studs or fasteners should be driven in 5mm from the edge of the fabric.

Make sure the knitted lines in the shadecloth are straight. Now fasten one of the shorter edges, then another long edge, and finish by fixing the remaining short edge (Fig. 2a). Fix to any middle or intermediate supports last. Now, neatly trim off all edges using scissors or shadecloth cutter.



An alternative method is to use butterfly clips. Open the clips and insert the edge of the fabric into the clips fully, then close them (Fig. 3). Attach the clips to the timber by driving a nail through the top hole of each clip into the frame.

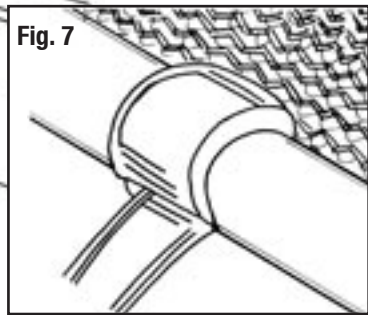
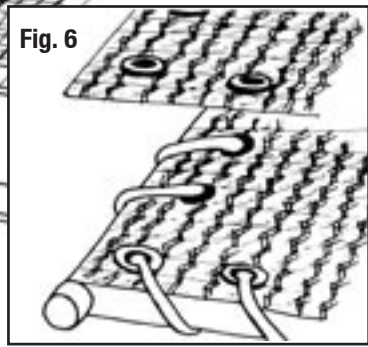
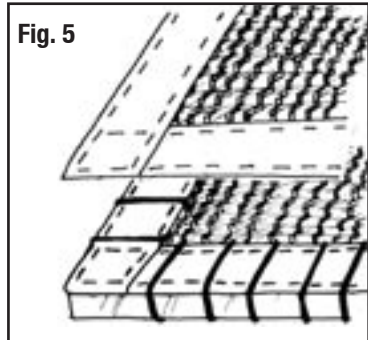
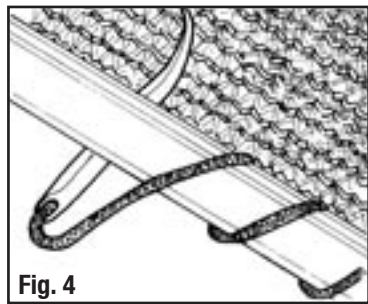
Metal Frames

There are several methods you could use, with special shadecloth butterfly clips probably the easiest. First, cut your fabric to fit within the frame. Then attach your butterfly clips every 500mm apart as for timber frames (Fig. 3). Thread wire, cable or rope through the opening in the clip hinge, and lace on to the framework using lacing cord and curved lacing needle designed not to damage the fabric. (Fig. 4).

You can also wire the fabric onto the frame. In this case, if using knitted shadecloth, allow for the edge of the fabric to be doubled over all around when cutting for extra strength. Then wire directly to the frame work (Fig. 5).

Another method is to insert eyelets every 30mm apart and lace it onto the frame with lacing needle and lacing cord (Fig. 6).

For metal posts, heavy cable or steel pipe frames, special tie wraps are available to make the job quick and easy (Fig. 7).



Some great ideas

Shadecloth can help you turn your backyard into a cool, private oasis. A shady cabana near the pool to laze in after a refreshing dip...shelter for an informal entertainment area...turning a hot courtyard into a cool corner...providing a shade house for flowers and plants...the use of shadecloth is only limited by your imagination. It is ideal for car and boat shadeports and ferneries, shading aviaries and pets, providing a sight screen to hide sheds and refuse areas, as windbreaks for small trees, tennis courts and carport sides. These are just a few ideas to get you thinking.

