

Sec id	PT id	Distance from Point A	ALT A	Distance from Point B	ALT B	Wall Height	Riser Height	A A—B
	1							
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	3							
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Order Form No.1A for Single Markouts

ABGAL PTY LTD. ACN: 010 151 578. ABN: 78 033 608 597

Please read the conditions marked with a ★ and fill out all details and tick boxes where applicable

QUOTE No: PRICE \$ DATE Required:

Your Name: PH:

Your Client: Order No:

Welded Bead: Facing ☐ 1 or ☐ 2 Type: (A) (B) (C)

★ Measure wall height from hook on fixing extrusion to floor, list an exact wall height for welded bead. See website for bead type & size

Pool Wall Height: mm (Standard overlap allowed is 50mm)

A to B Measurement: mm Pool Length: mm

Last Point Before B: Pool Width: mm

T/port Co: Perimeter: mm

Colour ☐ Tick

Light Blue	☐
Dark Blue	☐
Cayman	☐
Pacific	☐
Antique	☐
Caribbean	☐
Maldiva	☐
Coral Sand	☐
Reef Pebble	☐
Maui	☐
TamborineMist	☐
Bahama	☐
Sandstone	☐
Kiama	☐
Casablanca	☐
Costa Rica	☐
Whitehaven	☐

NUMBERS ARE TAKEN AS CLOCKWISE FROM A

★ Pool Brand Model

Shallow End

A Please sketch pool B

Vertical wall seam usually starts at A or each side of the Step

Seam direction:

Choose the direction the edge of the seams face in the pool, TOP is the default direction.

(T) Top (default)

A B

(C) Centre

A B

(B) Bottom

A B

Corners

☐ Standard Square 70mm Radius

☐ Square

☐ Cut Off

☐ Radius

mm

CHECK POINT OR DISH BASE DIMENSIONS:

Refer to online instructions for measuring details

Distance from:

☐ YES, DISH LINER

Tight

Loose

Point A

Point B

Point No.

Point No.

Point No.

Point No.

Point No.

Point No.

Point No.

Point No.

Point No.

Point No.

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Point No.

Point No.

Point No.

★ A dishd base liner will be supplied and charged for if the YES box has been ticked, or any loose measurement is more than 8% longer than the tight measurement. If any are over 13%, it is classed as a hopper and requires extra measurements. Use ABGAL markout form 1H and complete pages 3 & 4.

Please supply one pool finish as per these specifications and conditions:

Signed

Date

Additional Notes:

For Office Use Only
Job number:

★ All vinyl membranes are custom made and non-returnable. Requested seam direction cannot be guaranteed due to the pool or floor shape of some orders. This form is to order vinyl membranes with vertical walls and square wall/floor joins. For pools with tapered walls and/or are curved where the wall meets the floor, use ABGAL's 3D Laser Measuring System. Please refer to ABGAL's Inground Manual or website for more information on measuring. Thank you.

All correspondence to: PO Box 1566, Browns Plains BC Queensland 4118 Phone (07) 3803 9000

Email: us@abgal.com.au Website: abgal.com.au

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☐ Mark X if Step points or more pool points on next page

☐ Mark X if Extra Base Measurements included on separate page



Your Name: PH:
 Your Client: Order No:

- Take six (6) sets of measurements across the width, more if the floor is extra deep, steep or irregular.**



- Ignore ledge widths (P, M & N) if they are less than 100mm. Measure from wall to deep section for H, J & L instead. If over 100mm, then complete all fields.**

pools:

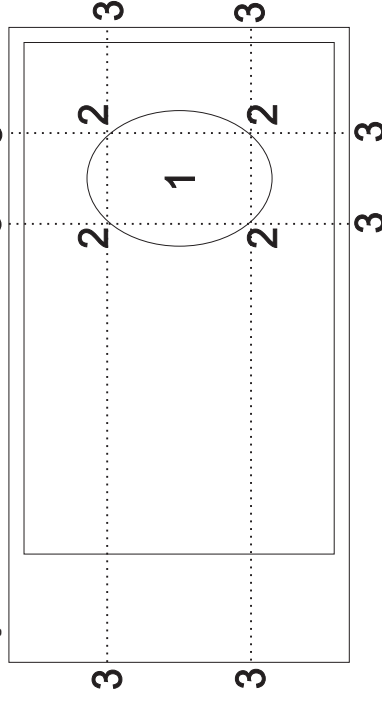
F	FH	G	HH	H	P

ools:

[illegible]

shape

Diagram 4



1. If the floor lines are not clearly defined, add some water (about 100mm - 200mm) into the deep end of the pool floor.
2. Use the water to create a rectangle for the deepest part of the pool. Now mark each corner of the rectangle as shown in diagram 4 (where the number 2 is positioned)
3. Make sure mark points on the perimeter of the pool (which will be part of the perimeter markout), to align with a straight line through the corners of the rectangle. See how points No. 3 on pool perimeter align with rectangle of deepest part.

FAQ's

Q. What does **TYPE** (L or W or R) mean?

A. Type refers to the check dimensions running through the Length of the pool, across the Width of the pool or just used as a Reference. A Reference can go from one section Id to another whereas a tight/loose measurement for a dish or hopper floor shape must be from and to points of the same section Id.

Q. Why do I need to take depth measurements as well as tight/loose measurements?

A. Extra measurements are required when the pool floor shape is narrow, deep or irregular in shape. The depth helps to confirm the correct amount of fabric is designed to make the fit and installation as good as possible.

Q. When I add some water to the floor to identify the deepest part, do I take the depth measurements from the point mark on the edge of the water or in the middle of the deepest section?

A. You measure the depth to the point on the floor you have marked at the edge of the water. We need to make sure the depth is at the sides of the deep section and not the middle. The vinyl has plenty of stretch to fit down to the deepest section.

Q. If I have already measured across the edge of a step in a previous section, do I need to do it again on the adjoining section?

A. Yes so we can check and make sure the adjoining section aligns with the previous edge. It only takes a few minutes to measure across the edge of a step and is worthwhile to check the adjoining edge matches.

Sec id	PT id	Distance from Point A	ALT A	Distance from Point B	ALT B	Wall Height	Riser Height	A A-B B
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Instructions for measuring deep end where pool is rectangular or tight/loose ratio greater than 13%:

When a pool is rectangular and has a deep end in the floor, or has a tight loose ratio greater than 13%, you need to take some extra measurements. Once you have complete the pool markout, use the pool perimeter point ids as a reference for across pool measurements.

Using the diagrams above, you measure from a point at one end of the pool to a point at the other end parallel to the line of the pool. What we mean by this is, if measuring through the length, the line of measurements should be straight down the length and not angled from one side to the other.

To identify where the points start and finish, it is sometimes easier to add about 100mm deep of water to the deepest section of the pool and use the level of the water to identify where the shape changes from the slope to the deepest part and then starts back up the slope again. see the diagram showing the pool floor is curved, but the measurements at the deepest point are taken as though it is flat.

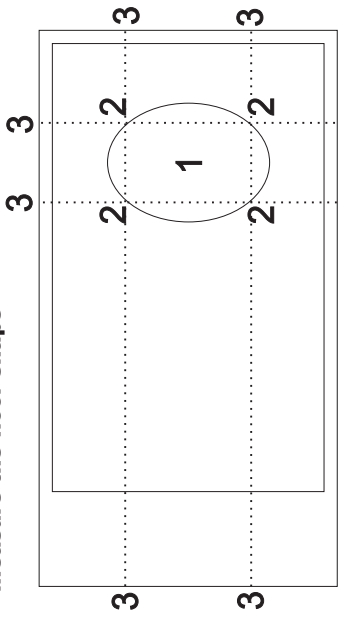
Measure and record the horizontal and vertical measurements and fill in the table above. Through the length of the pool, you need to add at least one row of measurements and across the width of the pool, you should have about 6 rows of measurements or more. These are basically check point tight loose measurements and some additional horizontal and vertical dimensions.

Here at ABGAL we start with the distance between 2 points with the tape measure held "tight" and record this dimension as the "tight" measurement. Then measure the length between those same points with the tape measure running straight between the points, but lying "loose" on the floor of the pool and record this as the "loose" measurement.

All the other measurements are taken as either horizontal or vertical. The vertical measurements are always taken to the depth at the junction from the slope to the deepest part as shown in the diagrams. Remember to make sure you take a measurement across the pool to align with the change in slope through the length of the pool. What we mean by this is, You should have an across the width measurement at the E-F junction and the F-G junction and the G-H junction.

Lastly, cross check all your measurements, but making sure $E+F+G+H+P = \text{the LENGTH}$ and $M+J+K+L+N = \text{the WIDTH}$.

How to identify where to position the points to measure the floor shape



1. Add some water (about 100mm) into the deep end of the pool floor.

2. Use the water to create a rectangle for the deepest part that you will measure to.

3. Run a line through the corners of the rectangle from wall to wall, to mark the junction of the slope to the deepest section. Mark the walls at each end of this line and use these marks as points in your A-B markout.