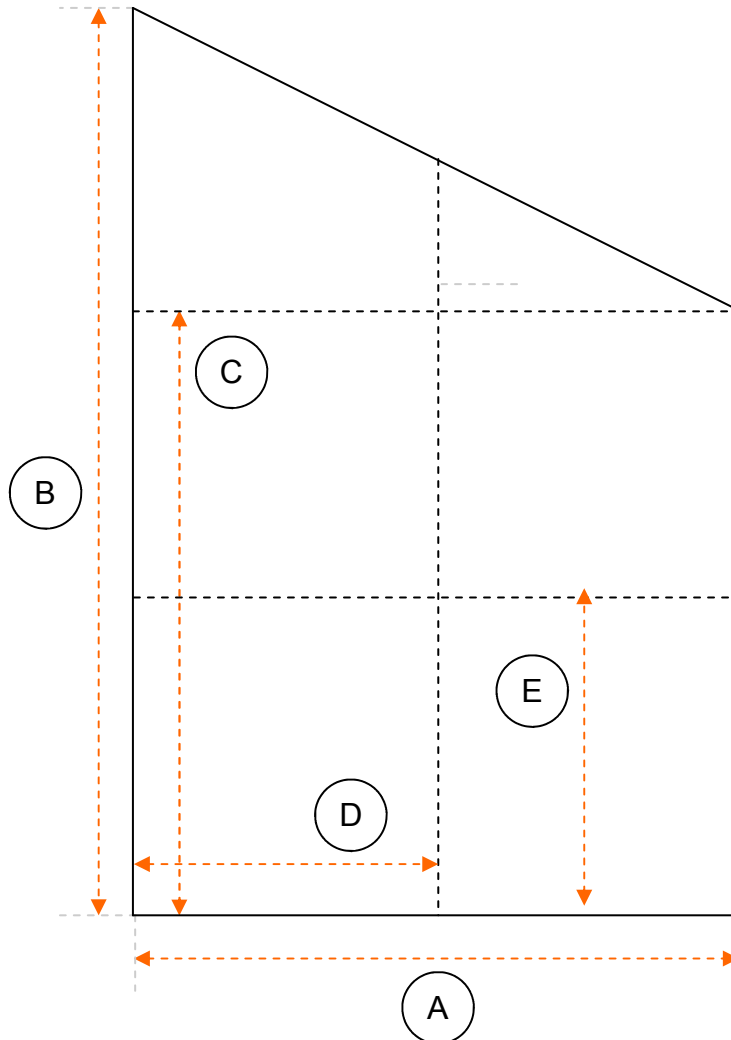


## MEASURING: HOW TO MEASURE SHAPED WINDOWS



### 13.0: Shapes

#### How to measure shaped windows

Shaped windows can be very individual. The '8.1 Design' drawings will give you an idea of how and where to take the key measurements from.

#### Measuring

As a guide take a look at the measuring guides for:

- 1.0 Recess
- 2.0 Outside
- 3.0 Z frames
- 4.0 Sash

You will find the basic measuring advice for most window designs. The only difference is the shape part. So apart from the main width and height sizes you will also need the shape sizes, like the triangle height for example.

#### Key factor

The key to measuring any shaped window is the level. All measurements must be taken from a level line.

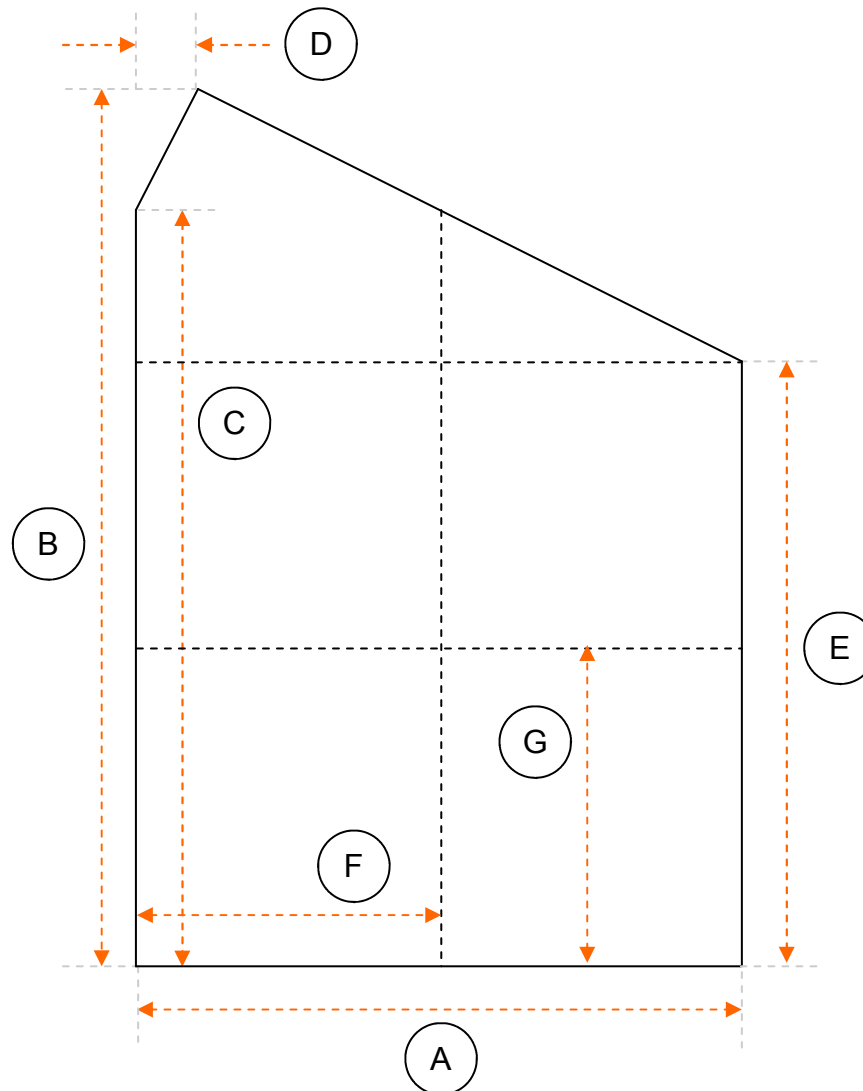
#### Drawings

When ordering or requesting advice on shaped windows, please provide drawings of the shape, the level lines and measurements where necessary.

#### Photos

Photos of the shaped window from different angles must be provided to ensure the correct advice is given.

**MEASURING: ADVICE ON MEASURING SHAPED WINDOWS**



**Advice on shaped windows**

**Templates**

Not all windows or shapes will require a template to be taken.

Standard triangular and true round windows can be ordered just by measuring and drawings. Just make sure the key level lines are marked on the drawings.

Follow the '13.2 Making templates' guide if required.

**Tposts**

Horizontal and vertical Tposts can be used to match the layout of your shape.

Shutters can be hung from Tposts and on a window like this one line (F) could be a Tpost with a shutter each side. The smaller shutter on the right could be hinged open to the left on the Tpost.

All measurements must be taken to the centre of the Tpost. (See Recess 1.4 Tpost guide)

**Horizontal rails**

Using rails with shaped shutters is fine. Just match the rails to features on the window.

**Shutter design**

Full height, half height and top opening can all have shaped designs within them.

**Hidden rods**

Hidden and off set tilt rods can be used with shaped designs. Off set rods are popular with triangular designs.

**Remote control**

Shaped shutters with remote control louvres

## MEASURING: OUT OF LEVEL SHAPED WINDOWS

### 13.0: Shapes

#### What if my windows are out of level?

It is important when you measure that you consider all the level lines of the window.

This example shows how a typical shaped window can be out of level.

The triangular shape at the top can be customised to the correct angle, but the vertical sides must remain vertical to ensure the shutters can be opened.

#### Measuring.

How you do this may depend on the size of the window.

Small windows can be levelled using a standard spirit level.

Try pinning some cotton with some blue tack on the end as a weight down from the top of the shape to help check if the window is level or the shape is central.

Using a laser level is very useful when checking levels, borrow or hire one if possible. The cost against a non fitting shape is small.

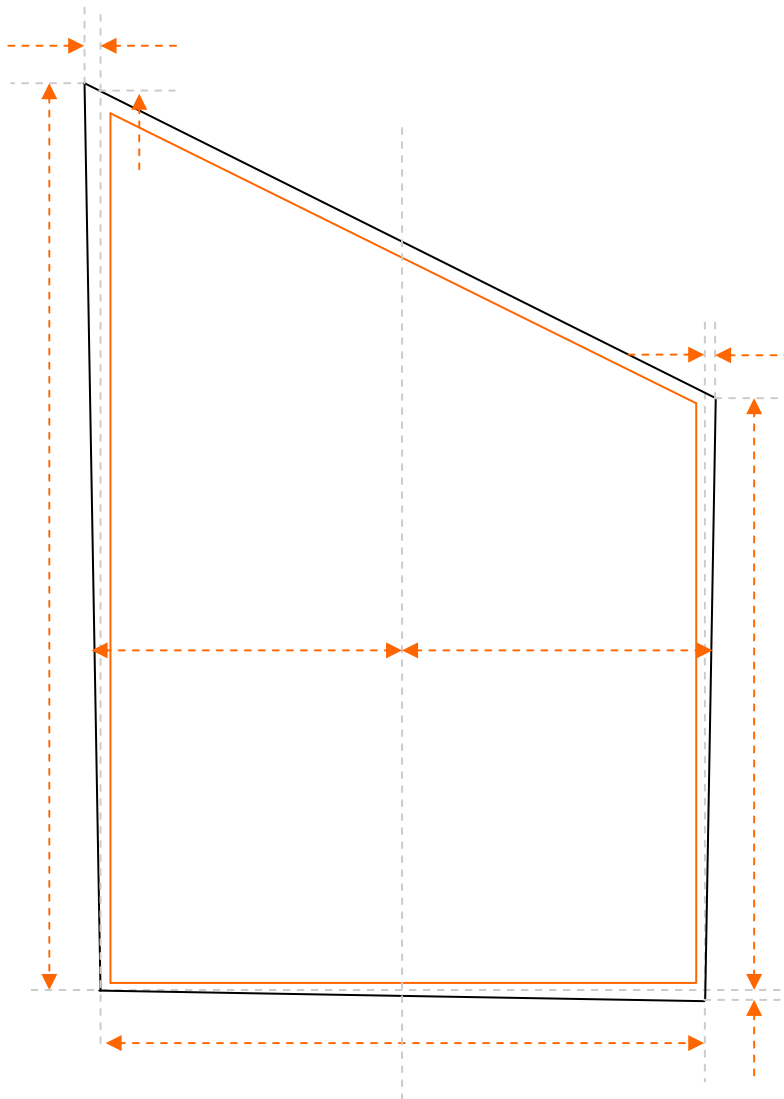
Draw the shape on some paper and note all the level lines down like this example shows.

#### Shadow gap

Having a shadow gap is important and still required with shaped windows, it's better to allow a little more clearance than have the frame tight.

#### Advice

Please contact Sam with your photos and drawings for advice on measuring your shape.



— Shows the shutter frame position  
 — Shows the window recess

## 13.0: Shapes

### Frame size

An important note about how frames are measured.

**Important:**

All 'Frame' order sizes are taken from the highlighted edge.

### MEASURING: FRAME ORDER SIZE

