

THE BALDY

EST



2009

CARPENTER

About Us



Here at The Baldy Carpenter we share a passion for quality, design and innovation, as well as sustainability and useability. We work with our clients to ensure we deliver to a high standard to meet their needs and expectations. We produce bespoke pieces of furniture, doors, windows and, well, really anything that is asked of us!

I established The Baldy Carpenter in 2009 and have built up both this business and our relationships with other local and wider businesses throughout these years. We are based in Strathaven, 25 miles south of Glasgow.

We have developed our sash and case and casement windows over the last five years and have produced for both big and small projects. We already had a wealth of experience in window construction within our small team and we invested heavily in quality tooling to ensure we could offer a product we were proud of. We wanted to create a window that was safe and secure, offered longevity, was easy to install and maintain, as well as using sustainable materials.

We have included in this package information about the products we use, our timber choice, paint we use and hardware we recommend.

Our Windows



Material

The use of abodo for our windows was both considered and exciting. A thermally modified timber that won't move with the changing temperatures, a sustainably grown tree which isn't treated with chemicals in the process of drying, a safe material for people and the environment and a beautiful material to work with all combined to make this our product of choice for all our external work.

Profiles

Whilst there is a standard sash and case window profile, on developing our product we felt that there were small tweaks we wanted to make to this to improve the performance of our product. We worked closely with the tooling company to create a bespoke Baldy window profile that we are confident in. Pictures of these profiles are attached in the appendices.

Finish

Remmers was the only option for us in terms of paint and stain finishes. Having looked at other manufactures, this was stand out for it's durability, sustainability and recoat time. We can colour match with any RAL code. We are also able to offer a different colour on the inside to the outside.

Our Windows



Sash and Case

Our sash and case profile while on the outset looks standard we have added a few tweaks to the design. Changes include the scallop to the outer linings where it joins the cill to remove the common area of trapped water, The addition of a plant on cill extension to throw any water further away from the building and the cill designed with 3 steps to prevent water from blowing up the cill and under the lower sash. We recommend that our sash windows are fitted with the angel lock which prevents the windows from opening past 100mm. A simple press in releases the lock to allow the sash to travel past. On closing the window the locks automatically reengage returning the window to a safe mode. This is particularly important where young children are present in the house.

Casement windows

Our casement windows are constructed from the same material and to the same standard as our Sash and Case. We use an outward opening high performance profile which for the Scottish climate is best suited to give the customer the security and weather sealing that is required. An outward opening window ensures that when the weather blows the windows are pushed harder into their seals rather than on an inward opening window the wind pushes the sash away from the seals. Casement windows are closed and locked by a multipoint Espagnolette with a minimum of 3 locking points per window. Claw clamps are fitted to the hinge sides to ensure security. These windows are produced to a PAS 24 standard.

Our Windows

Lead Weights

We designed a weight system to ensure that lead weights can be easily removed for delivery and reattached on site when needed. We have removed the requirement for installation teams to tie on the weights and find the correct length of cord. All weights are hung in the workshop to find their ideal cord position. Eagles eyed folks will notice that we use a figure of eight knot to tie the cord to the weights. Nothing fancy but a knot more associated with climbing than windows which compared to the usual commonly known granny knot this will not fail over time. We use 316 stainless steel hardware through the weights to eliminate any chance of degradation through the years. In days of old the sash cord was simple nailed to the side of the sash. Today we use a clip system which binds the cord and holds it in a custom rebate on the side of the sash. These simple but effective measures have removed all of the historical fail points of the weight system and ensures to limit the wear on the sash cord by minimising and supporting potential pinch points.



Fixings and Seals

We have gone to great lengths to source the best auxiliary products available. From stainless steel screws through to the best adhesives, we have ensured that everything we use compliments each other and works to provide the best possible product. We have even carried out our own test of adhesive strength by gluing two pieces of timber together and then driving a Land Rover over the joint (it passed!). Our 24mm low E Argon filled glazing is fixed by 2mm security tape to the inside. The glass is made up of 4mm toughened/12mm warm edge spacer bar/6.4mm laminated which provides the best all round solution for most applications. The glass achieves a U value of 1.2. Our window beads are 16mm x 16mm with a 4mm rebate to accept the securing pins. Once secured the rebate is capped off with sealant to remove all traces of pin holes in the beads.

The sashes are sealed used Deventer silicon seals which keep the sash floating within the case. At no point does timber come into contact with timber hence the risk to paint damage from the opening or closing of the window is negated. Each sash carries 2 seals to ensure complete air tightness.

Hardware

We use a company with which we have a longstanding relationship with for these products. Whenever we have tried alternatives, we have always returned to Coastal. A company that is as personal and as committed to getting the right product for the job as we are. Customers can choose from the many options available.

How long will my windows take to produce?



In general terms we allow 5 working days per window. If the windows are to be a different colour inside to outside we extend this timeline to 7 working days per window.

This may sound a fair amount of time however please bear in mind that this provides you as a customer with a fully finished product without the extra time or money for on site painting and finishing.



THE BALDY
EST 2009
CARPENTER

Repair or Replace

This is the most commonly asked question.

More often than not financial restraints will depict the answer however we are of the opinion that replacement is the only option.

There was an old saying that if your curtains moved in the wind then your windows could be opened, if your curtains don't move in the wind then your windows are painted shut.

Existing Sash and Case windows will more often be single glazed without any draught seals fitted. Secondary brush strip seals may have been added previously but with time these fibres flatten or are painted over and become ineffective. Single glazing carries a U value of around 5.8 while double glazing offers a value of around 1.2.

Ongoing maintenance of your windows must also be factored in when coming to a decision. The Remmers coating that we use carries a 10 year recoat time which if you have a building that requires scaffold or power access to repaint would add a ongoing cost if the windows were repaired rather than replaced.

Safety within the house or building can also be considered. How many people think that if there was a fire in the house then they could escape through the window? But what if that window was painted shut or simply jammed through old age?

It is no doubt that replacing your windows is a large expense but it is always better to do the job once rather than over and over again.

Buy cheap buy twice.

Appendices

We have added files to this folder which have detailed information from the manufacturers.

These include:-

1. Abodo built to last warranty
2. Abodo environmental info
3. Abodo FSC Certificate
4. Remmers opaque coatings info
5. Remmers coating systems for wood
6. Sash horizontal profile
7. Sash cross profile
8. Casement profile
9. FA600 technical data sheet
10. PU230 technical data sheet
11. Links to websites