

I have put an order on for Pro Easy with another customer – making lenses without a problem.

I have put through +2 to make it easy to check the prism.

Here are the details.

The screenshot shows a software window titled "Edit Lens Data" with a header bar containing "PPEA", "U00", and "P". The main area is divided into two sections: "Lens" (purple background) and "Semi-finished" (light blue background). The "Lens" section contains various input fields for lens parameters, and the "Semi-finished" section contains fields for lens thickness and curvature. At the bottom, there are two buttons: "Close" and "Use for this Job".

Section	Parameter	Value
Lens	Description	Pro Easy Prog
	Index	1498
	Rotate Seg	<input type="checkbox"/>
	Segment Width	0
	Segment Size	0
	Blank Seg Inset	0.00
	Fitting Cross In	2.50
	Default Inset	0.00
	Blank Seg Top	0.00
	Fitting Cross Up	2.00
Default Top	0.00	
Min. Centre	2.00	
Min. Edge	0.00	
Add Constant	0.70	
Thin %	60	
Print Message		
Semi-finished	Add	2.00
	Diameter	75
	Actual	5.11
	Sag	3.26
	Radius	97.46
	Nominal	5.50
	Centre Thickness	9.05
Edge Thickness	9.55	

I call the job and to make it user to understand I have clicked on the prism icon and set thinning to be 0.

Calculate Job

Search by Tray Job:

Order Detail

<i>Job</i> test dec-									
<i>Right</i> 1500	O	4				<i>Left</i> 1500	O	4	
<i>Lens</i> PPEA	PPEA					PPEA	PPEA		
<i>Pro Easy Prog</i>									
<i>Diameter</i> 65									
<i>Coating</i> None									
<i>Tinting</i> None									
<i>UV</i> None									
<i>Rx2</i>									
<i>Addition</i> 2									
<i>Prism</i>									
<i>Centre</i>	Prism Thin		Prism Thin						
<i>Edge</i>	<input type="text" value="0"/>		<input type="text" value="0"/>		<input type="checkbox"/> Thinner				
<i>Base</i>					<input type="checkbox"/> Flatter				

Customer

Liypad Associates Ltd
The Optician 1
113 High Street
Odiham
RG29 1LA
01256 703707
108149

UK 5.50

1.50:75
3.50:75
5.50:75
7.50:75

1.498: 5.11
1.530: 5.44
Sag: 3.26
Radius: 97.46

Calculate

OPC

UK 5.50

1.50:75
3.50:75
5.50:75
7.50:75

1.498: 5.11
1.530: 5.44
Sag: 3.26
Radius: 97.46

Calculate

OPC

Calculate.

Results

Order Detail

Job	test dec-	3275497	9990	0					
Right		1498	0	4					
Lens	PPEA			Diameter	65				
Coating	None	Pro Easy	Prog						
Tinting	None		No treatment						
UV	None		No treatment						
Rx 2									
Addition	2								
Prism									

Centre	Edge	Base							

Right	UK		Pro Easy	Prog					
Nominal/Actual	75	5.50	(5.11)	Add	2				
Position	Vert	2.00	Horiz	2.50	Production Axis	0			
Crib	65.00	Ellh	65.00	Trepan	65.00	Knife	75.00		
OC	0.00	0.00	PD	0.00					
Prism	0.50	0							
Curves	-3.19	-3.19		P	-3.25	-3.25			
Centre(Fin/Gen)	4.00	4.00	7.33	12.38	0.00	Ring	5307		
Edge(Thin/Thick)	0.50	2.50	237	84					
MSU	65.00								

Left	UK		Pro Easy	Prog					
Nominal	75	5.50	(5.11)	Add	2				
Position	Vert	2.00	Horiz	2.50	Production Axis	0			
Crib	65.00	Ellh	65.00	Trepan	65.00	Knife	75.00		
OC	0.00	0.00	PD	0.00					
Prism	0.50	180							
Curves	-3.19	-3.19		P	-3.25	-3.25			
Centre(Fin/Gen)	4.00	4.00	7.33	12.38	0.00	Ring	5307		
Edge(Thin/Thick)	0.50	2.50	237	84					
MSU	65.00								

Stock -8

Stock -8

Cancel Calculate Mesh Make Print OK

The prism being worked is prism for decentration = $2.5/10 \times 2 = 0.5\text{mm}$.

Why is this being worked. It is best to block lenses centrally as it stops tilting and other unwanted effects. As the lens is decentered, prism is worked to overcome this.

As it is now being blocked centrally, the fitting cross should not be sent to the blocker.