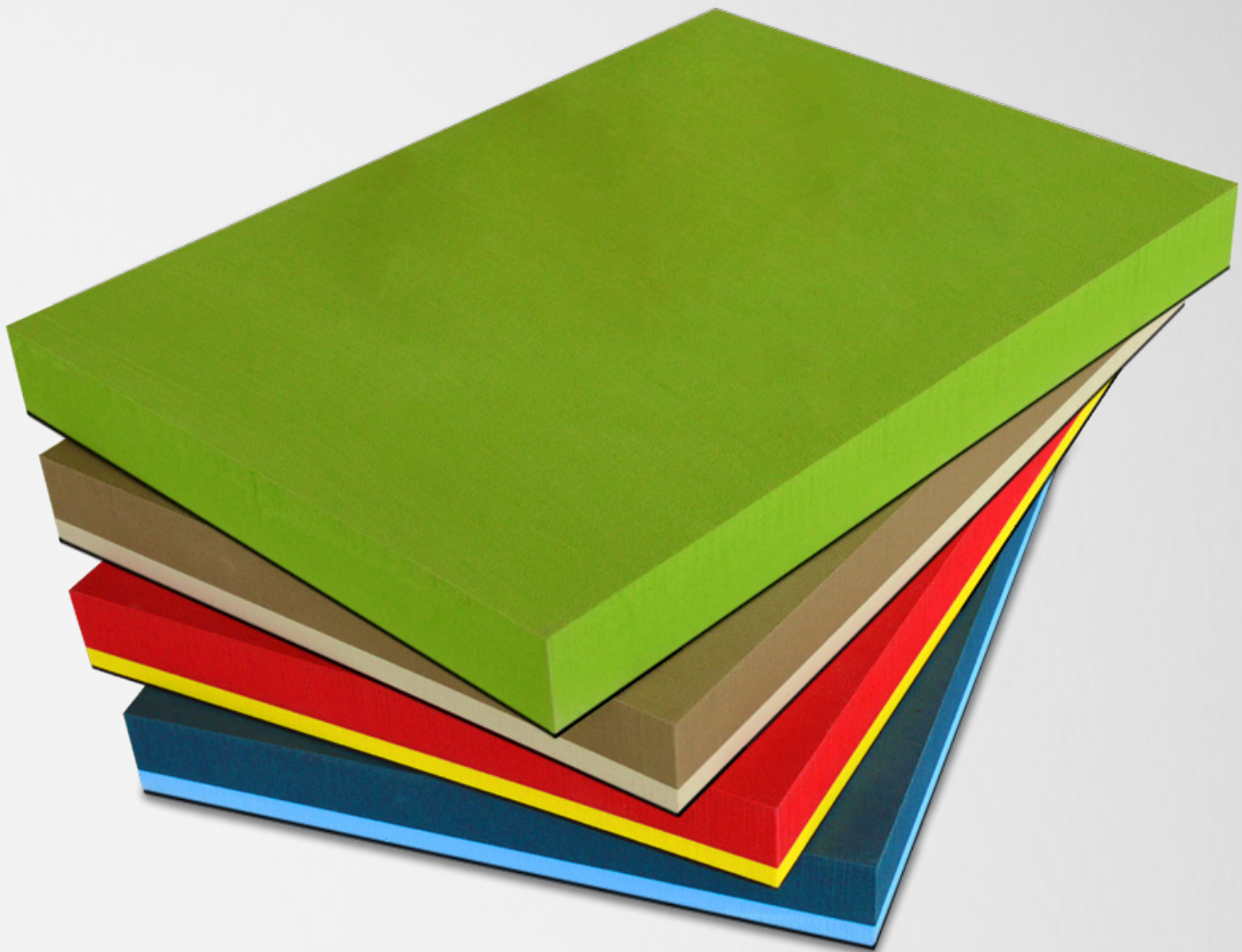


EVA MATERIALS FOR ORTHOTIC MILLING





VOXELCARE

Voxelcare is a software and hardware engineering company from Elche, Spain, with over 18 years' experience in the development of industrial applications ranging from special purpose CAD/CAM systems, contact and non-contact 3D scanning devices, 2D scanning devices, industrial vision and CNC systems for different kind of machines.

#1 Online CAD/CAM system for custom foot orthotics

The Voxelcare orthotics CAD design program has been developed on 15 years of market experience being a manufacturing and distributor of CAD/CAM products combined with having own orthotic manufacturing facilities. Over these years our worldwide customers have given input to what is now the leading online CAD/CAM system for custom foot orthotics.

Design orthotics in the cloud

The online Voxelcare orthotics CAD design software is an easy to use and powerful tool to design any type orthotic insole. Accommodative and corrective orthotics manufactured in EVA, made out of rigid materials like polypropylene or even positive molds for vacuum thermoforming are possible.

Innovative two-sided designing

Orthotics are designed in a very efficient way on top and bottom side which will save you a lot of time. The two-sided milling assures the highest possible quality, that the orthotic will fit perfectly to any shoe type and limited time is time needed for finishing. The simplicity of the program is combined with a flexibility that allows the users ideas and craftsmanship to be applied in the orthotic design.

| ON STOCK



EVA MILLING BLOCKS FEATURES

Standard colour selection



Custom colour selection



- a. Light grey

b. Leather

c. Bone

d. Yellow

e. Orange

f. Red

g. Garnet
- h. Navy blue

i. Blue

j. Light blue

k. Green

l. Pistache

m. Lime

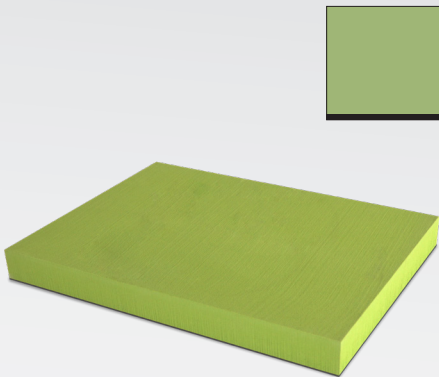
n. Purple

EVA MILLING BLOCKS

After years of material and product research, we have launched a new line of special EVA materials that set the new standard for EVA orthotic milling. High quality EVA materials that make your orthotics last longer, divided in different configurations and available in all types of shore values and colours.

Stock EVA milling blocks

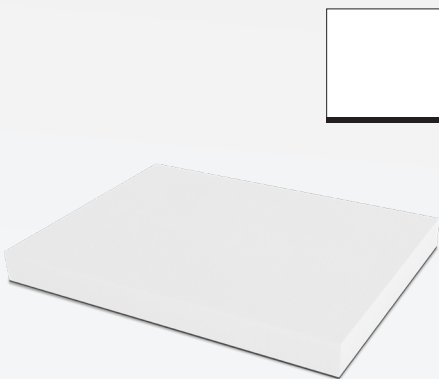
Our stock EVA milling blocks are available in a standard range of colours. Directly available and with the best possible price. This block range can be customized with a bottom basis layer.



DRESSED

The DRESSED EVA block features a medium density EVA layer combined with a bottom stiffening layer. A 40 sh EVA top layer combined with a bottom stiffening layer of 80sh. An orthotic block to comfort your feet all day, ideal for half length orthotics.

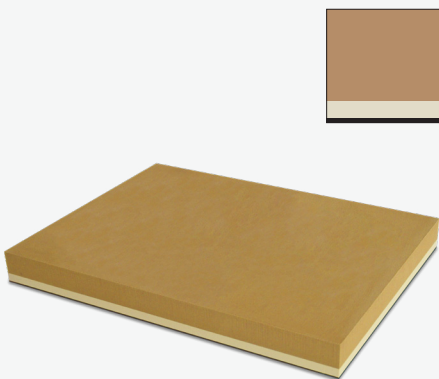
Thickness	Layer thickness (top/bot)	Shore (top/bot)	Sizes
35 mm	33.5/ 1.5 mm	40/ 80 sh	350x260 mm 350x300 mm
colour: Pistache/ Black			



DRESSED SOFT

The DRESSED SOFT EVA block features a low density EVA layer combined with a bottom stiffening layer. The 30 sh EVA top layer, combined with a high density layer of 80sh, results in an ideal orthotic block that relieve your feet as you walk. Perfect as well for half length orthotics.

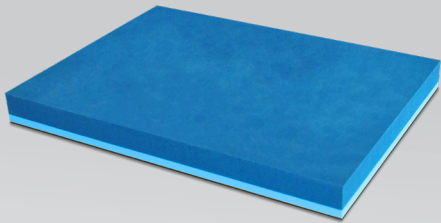
Thickness	Layer thickness (top/bot)	Shore (top/bot)	Sizes
35 mm	33.5/ 1.5 mm	30/ 80 sh	350x260 mm 350x300 mm
colour: White/ Black			



CARE

The CARE EVA block features two soft EVA layers combined with a bottom stiffening layer. A stabilising top layer of 30 sh, an ultra-soft cushioning middle layer of 20 sh and a bottom layer of 65sh. A block to give extra comfort and relieve foot pain. An orthotic block that offloads foot pressure and pressure peaks, in combination with extra cushioning.

Thickness	Layer thickness (top/mid/bot)	Shore (top/mid)	Sizes
35 mm	28.5/ 5/ 1.5 mm	30/ 20/ 80 sh	350x260 mm 350x300 mm
Colour: Leather/ Bone/ Black			



COMFORT

The COMFORT EVA block features a medium hardness and soft hardness EVA layer combined with a bottom stiffening layer. A stabilising top layer of 40sh, a comfort cushioning middle layer of 25sh and a bottom layer of 65sh. A real all round orthotic block that is our most used combination for custom foot orthotics. A block take the energy generated from movement and disperses it forward producing maximum efficiency and performance.

Thickness	Layer thickness (top/mid/bot)	Shore (top/mid)	Sizes
35 mm	28.5/ 5/ 1.5 mm	40/ 25/ 80 sh	350x260 mm 350x300 mm
colour: Navy Blue/ Light Blue/ Black			



PERFORMANCE

The PERFORMANCE EVA block features a firm hardness and medium-soft hardness EVA layer combined with a bottom stiffening layer. A fixating top layer of 50sh, a damping middle layer of 30sh and a bottom layer of 65sh. An orthotic block designed to work with shoes where total control is the goal. Using a denser EVA combination, this allows the insole to transfer the power output rather than absorbing it.

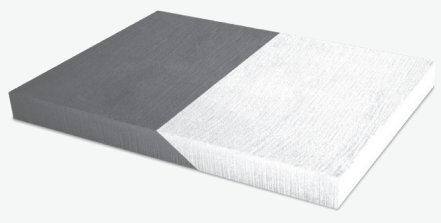
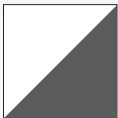
Thickness	Layer thickness (top/mid/bot)	Shore (top/mid/bot)	Sizes
35 mm	28.5/ 5/ 1.5 mm	50/ 30/ 80 sh	350x260 mm 350x300 mm
colour: Red/ Yellow/ Black			



MONO

The MONO stock EVA blocks are directly available in the following configurations:

Thickness	Shore	Colour	Sizes
30 mm	20 sh	Beige 	350X260 mm
35 mm	30 sh	White 	
	40 sh	Light Grey 	
	50 sh	Grey 	
	60 sh	Dark Grey 	

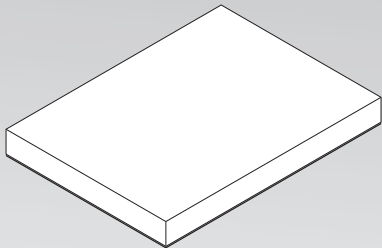


COMBI

Thickness	Shore (front/ back)	Colour (front/ back)	Sizes
33 mm	30/ 50 sh	White/ Dark Grey	350x260 mm

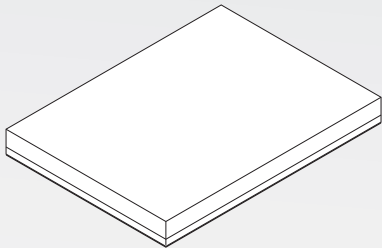
Custom made EVA milling blocks

EVA custom milling blocks are available in all possible colours and shores, as these are manufactured on a per order basis. Here you can have the possibility to configure your block, meaning: number of layers, thickness, shore, colours and block dimension.



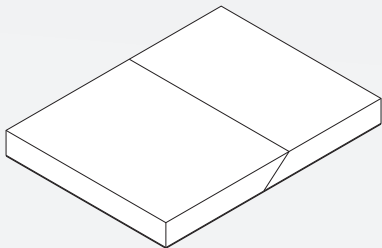
MONO

Thickness	Layer thickness (top)	Shore	Bottom layer	Sizes
30 mm	30 mm	20 sh	EVA 55 sh, 2 mm	260x350 mm
33 mm	33 mm	30 sh	Base Strong 65 sh; 1.5 mm	300x350 mm
35 mm	35 mm	40 sh	Base Plus 90 sh; 1.5 mm	
40 mm	40 mm	50 sh		
		60 sh		



DUO

Thickness	Layer thickness (top/mid)	Shore	Bottom layer	Sizes
33.5 mm	28.5/ 5 mm	50/30 sh (1) 40/25 sh (2) 30/20 sh (3)	EVA 55 sh, 2 mm Base Strong 65 sh; 1.5 mm Base Plus 90 sh; 1.5 mm	260x350 mm 300x350 mm



COMBI

Thickness	Layer thickness (front/back)	Shore	Bottom layer	Sizes
33 mm	33/ 33 mm	30/50 sh (1) 40/50 sh (2) 30/60 sh (3)	EVA 55 sh; 2 mm Base Strong 65 sh; 1.5 mm Base Plus 90 sh; 1.5 mm	260x350 mm 300x350 mm

Block configurator

● Available

1. Type

Composition	Layers	Layer thickness
Mono	Top	33 mm
	Bottom	1.5 mm
Duo	Top	28.5 mm
	Middle	5 mm
	Bottom	1.5 mm
Combi	Front	33 mm
	Back	33 mm
	Bottom	1.5 mm

2. Colour

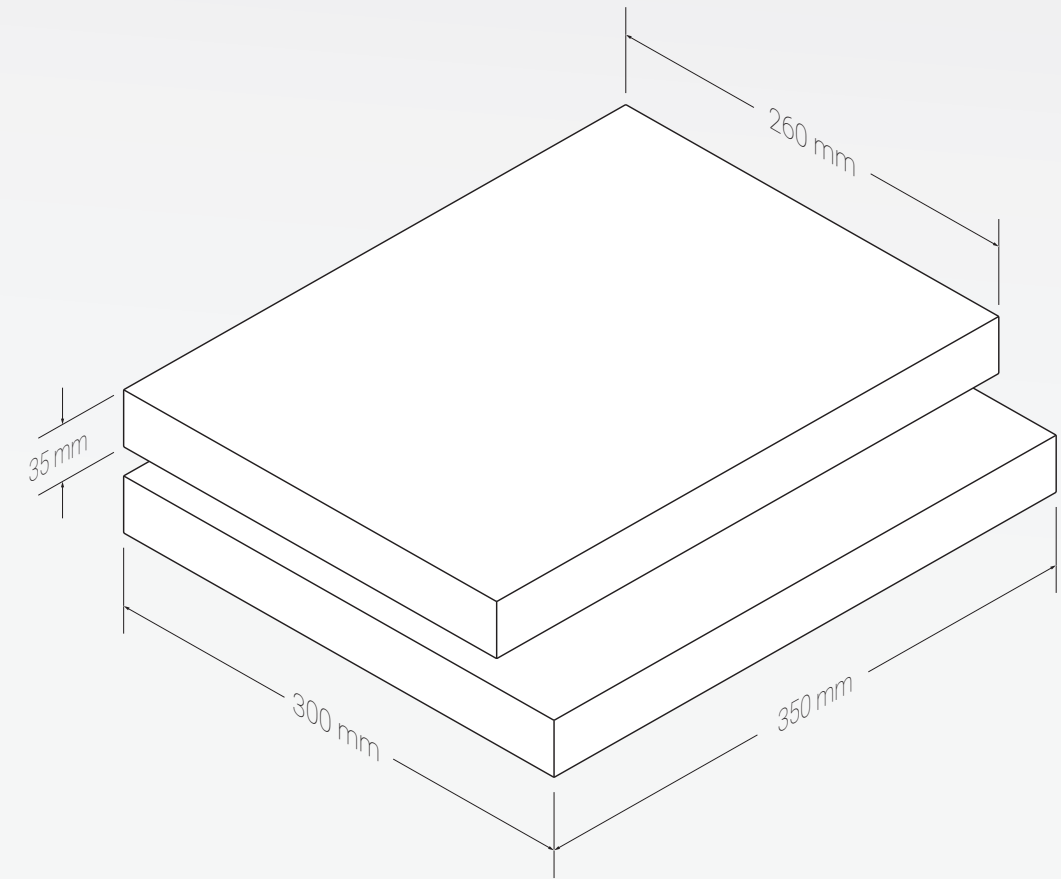
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.	o.
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
														●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
														●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
														●
a. Light Grey b. Leather c. Bone d. Yellow e. Orange f. Red g. Garnet h. Navy Blue i. Blue j. Light Blue k. Green l. Pistache n. Purple m. Lime o. Black														

3. Shore

20 sh	25 sh	30 sh	35 sh	40 sh	45 sh	50 sh	55 sh	60 sh
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●

4. Size

260 x 350 mm or 300 x 350 mm

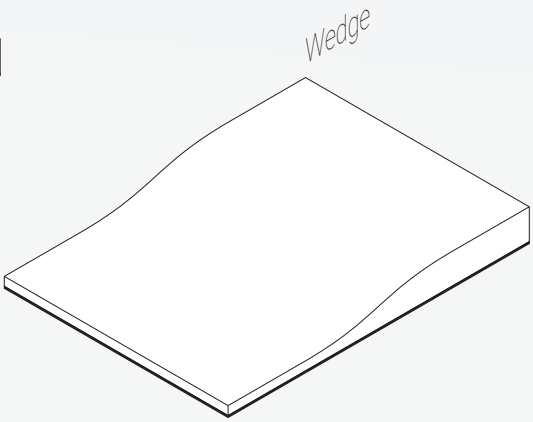
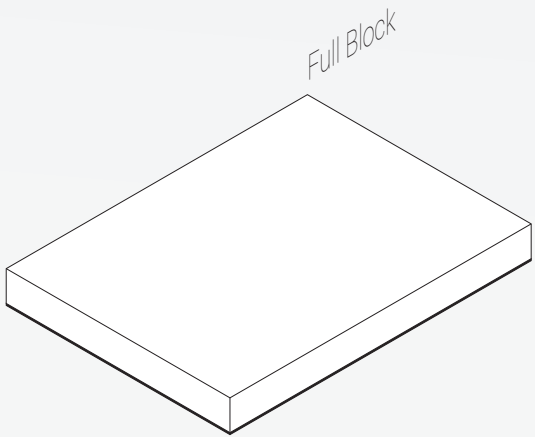


5. Bottom layer

Composition	EVA 55 shore	Base Strong 65 sh	Base Plus 90 sh
Mono	●	●	●
Duo	●	●	●
Combi	●	●	●

6. Shape

Full Block	Wedge
●	
●	
	●





www.voxelcare.com