

PROMAT HANGING MATS

Articulated Climbing Mats

Cushioned landing protection for rope and traverse walls, that folds away when the wall isn't in use.



Built for busy multi-use spaces

Designed for rope and traverse climbing walls in climbing centres, schools, universities and sports facilities. When the wall is in use, the mats are lowered to give a cushioned landing area for climbers dismounting. When it isn't, they fold upright against the wall, which frees up the floor for other activities and discourages unauthorised climbing.



Key features

- Cushioned landing area when dismounting from the wall
- Folds upright when not in use to create floor space
- Prevents unauthorised use of the wall when stored
- Simple to raise and lower
- Lightweight, shock-absorbing XPE foam core
- Heavy-duty zipped, flame-retardant PVC covers
- PVC hook-and-loop flaps join mats together
- Webbing straps with easy-release G-hook wall fixings

Specification

Standard size	2.0m x 1.0m x 50mm thick
Bespoke sizes	Widths from 0.2m up to 2.0m to suit any wall layout
Core	Lightweight, shock-absorbing XPE foam
Cover	Heavy-duty zipped PVC, flame retardant
Connection	PVC flap with hook Velcro on the right side, fastening to loop Velcro on the face of the next mat
Base fixing	Optional PVC base flap, fixed permanently to the wall with an aluminium fixing bar (on request, see page 4)
Wall fixings	25mm webbing straps with easy-release G-hooks (2 on a 1m mat, 3 on wider mats), clipping to wall-mounted webbing loops
Colours	13 PVC colours available (see below). Royal Blue as standard

Easy-release G-hook fixings



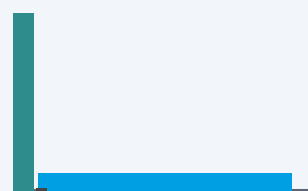
Released



Hooked

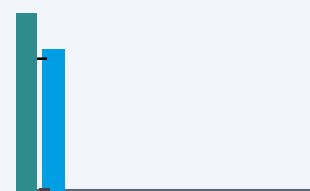
25mm webbing straps are sewn to the front of each mat, about 150mm down, each carrying a G-hook that clips into a webbing loop screwed to the wall. 2 on a 1m mat, 3 on wider mats.

How it works



In use

Lowered flat along the base of the wall for a cushioned landing zone.



Stored

Folded upright and secured with the G-hook straps, clearing the floor.

PVC colour options



WHITE



ROYAL BLUE



ICE BLUE



PINK



PURPLE



ORANGE



RED



LIGHT GREY



DARK GREY



BLACK



DARK GREEN



LIGHT GREEN



YELLOW

Get a quote for your wall

Send us your wall dimensions and preferred colour and we'll size the mats to fit, from 0.2m to 2.0m wide. Installation and use guidance is on pages 3 and 4.

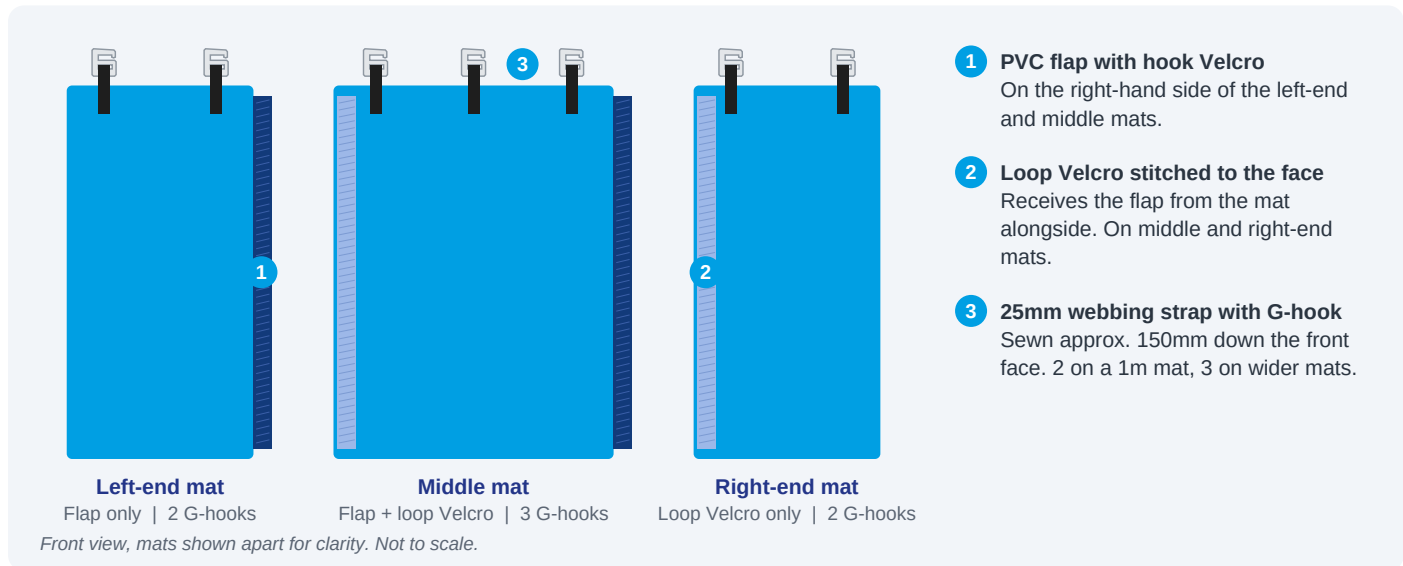
+44 (0)161 339 6100

sales@foams4sports.co.uk

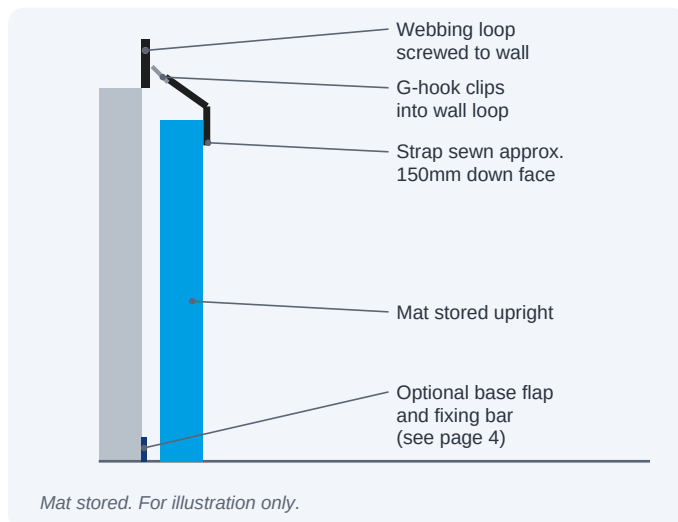
foams4sports.co.uk

Unit 1 Grosvenor Industrial Estate,
Grosvenor St, Ashton-under-Lyne OL7 0RE

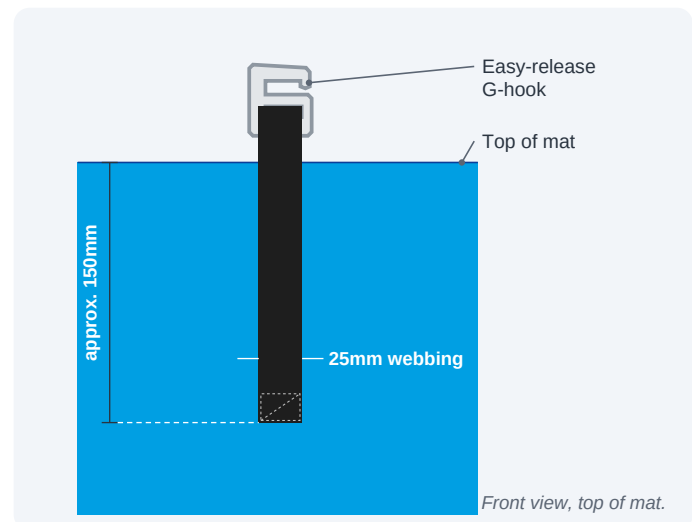
Mat layout and joining



Fixing detail (side view)



G-hook strap detail



Installation (for the fitter)

1. Lay the mats out in order along the base of the wall: left-end mat (flap only), then the middle mats, then the right-end mat (loop Velcro only).
2. Press each PVC flap's hook Velcro onto the loop Velcro on the next mat, so the run is joined with no gaps.
3. Where base flaps have been ordered, fix them to the wall with the aluminium bar (see page 4).
4. Lift each mat upright. Mark where each G-hook reaches (2 on a 1m mat, 3 on wider mats) and screw a webbing loop to the wall at each mark.
5. Clip every G-hook into its wall loop and check each mat stands upright and secure.

Use screws and fixings suited to the wall construction.

Daily use (for staff)

Before climbing

Unclip the G-hooks from the wall loops and lower each mat flat to the floor. Check the mats are joined along the full length of the wall with no gaps.

After climbing

Lift each mat upright and clip every G-hook back into its wall loop. Stored mats help stop unsupervised use of the wall.

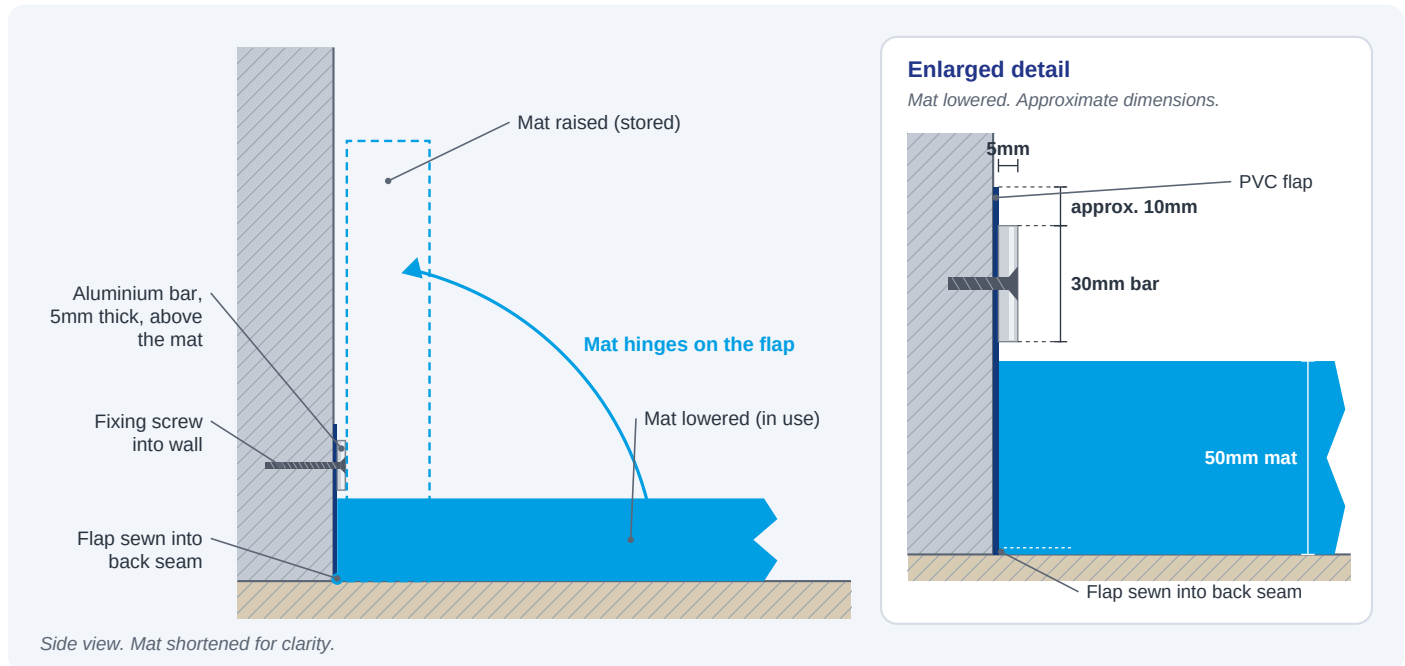
Regular checks

Look for splits or tears in the covers, Velcro joins that no longer hold, and loose straps, G-hooks or wall loops. Take any damaged mat out of use and contact us.

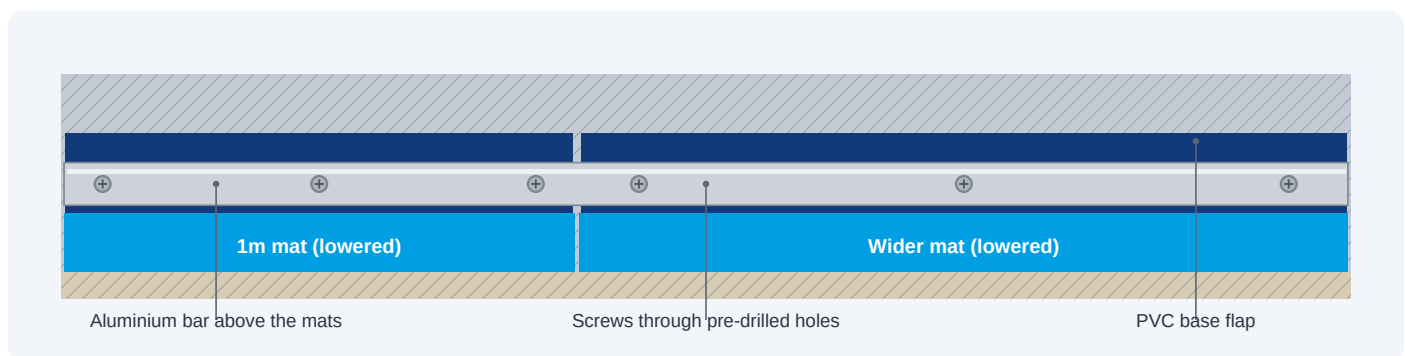
How it works

Mats can be supplied with a PVC flap sewn into the back seam at the bottom of the mat. The flap runs up the wall face and is clamped with a 5mm aluminium fixing bar fitted just above the top of the mat. Each mat stays permanently fixed to the base of the wall and hinges on the flap as it is raised and lowered, so the mats can't slide out of position and the joins stay aligned.

Section through the base of the wall



Front view of the fixing bar (mats lowered)



Fitting the base flaps

1. Lay the mats out flat and join them as shown on page 3.
2. Push the run of mats up to the wall so each base flap stands up flat against the wall face.
3. Hold the aluminium bar over the flaps just above the top of the mats, leaving approx. 10mm of flap showing above the bar.
4. Screw the bar to the wall through the pre-drilled holes, using fixings suited to the wall construction.
5. Raise and lower each mat to check it hinges freely, then fit the G-hook wall loops as shown on page 3.

Installation service available

Our team can advise on layout and fixings, or carry out a full professional installation for you.