

A photograph of an indoor climbing gym. In the background, a man in a pink shirt and light blue shorts is climbing a white wall with colorful holds. In the foreground, a woman in a green tank top is partially visible on the right. A large, light blue rectangular mat is positioned diagonally across the lower half of the image.

INDOOR FLOORING

BOULDER SAFETY MAT

SAFETY FLOORING SOLUTIONS



[HTTPS://WWW.WONDERWALLMALAYSIA.COM/](https://www.wonderwallmalaysia.com/)



BOULDER SAFETY MAT

INDOOR

we offer a complete solution, including precise measurement, manufacturing, delivery, installing and post sale services.

Boulder safety mat is designed and installed in accordance to suit standard for Artificial climbing wall. Available in 100mm to 400mm thickness that is able received landing height no more than 4.5 meters.

we use a system of two layered of foam that we have developed and tested to provide the best in durability and performance

we recommend the clearance are for safety mat to be not less then 2 meter from the outerest point for the climbing wall.

PE foam

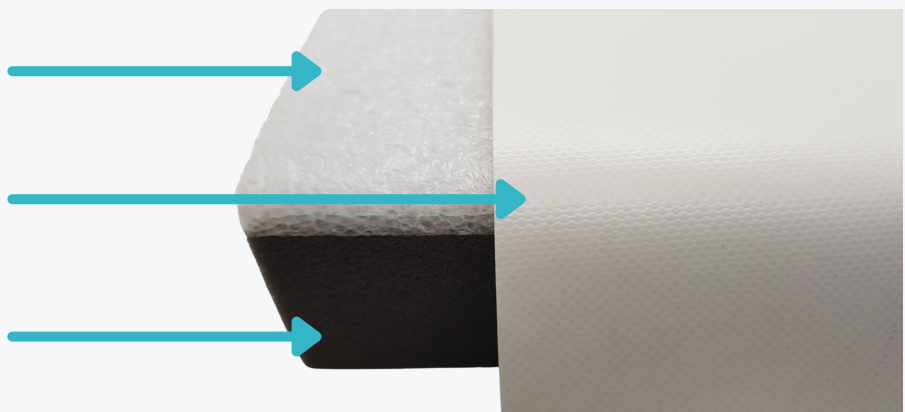
Top layered of 5mm - 10mm
Thickness

Vynil Canvas

Industrial Heavy Duty Canvas covering

PU foam

Middle layered of
15mm - 30mm Thickness



BOULDER SAFETY MAT OPTION

MODULAR BOULDER MATS

Modular boulder mats are individual single pieces of boulder mat cover in once single tarpaulin Pvc / fabric viyl canvas cover of your your choice connect through high quality velcro lids to hold them together to create a limitless flexibility in shapes. it is design for easy assembly and disassembly.



PERMANENT COVER BOULDER MATS



Permanent cover boulder mats are design in one piece cover over the whole area which is the most durable landing solution for large areas. the flooring is non-movable, and requires and experience crew for onsite installation. The mat id fixed to the floor with seamless joining to prevent displacement of the mat and are estetically pleasing

MATERIALS

PVC TARPAULIN

Tech Specs:

Material : woven with polyester pvc vinyl coating

Total width: 650 gsm

Tensile strength: 2600/2400 N/5cm

Tear strength : 380 N

Temperature resistance: -30°C ~ 70°C

Fire behaviour:< 100mm/min

Materials with higher fire ratings are available upon request. They are compliant with the following fire standards: B1, B2, M2, NFPA701

FOAM

Tech Specs:

Material :Polyurethane PU Foam + Polyethylene Foam

Color : Blue

CRITERIA	UNIT	SPECIFICATION	TEST METHOD
Density	Kg /m3	38 ± 2	ASTM D3574-A
Hardness @25%	N	290 ± 15	ASTM D3574-81
Hardness @65%	N	755 ± 30	ASTM D3574-81
Compression @ 50%	kPa	≥ 14	ASTM D3574-D
Tensile Strength	mm	≥ 209	ASTM D3574-E
Elongation at Peak	mm	≥ 86	ASTM D3574-E
Elasticity	%	≥ 37	ASTM D3574-H

COLORS

Standard Color

01. White

02. grey

03. black

04. blue

05. yellow

06. green

07. red





We are humble Malaysia company offering our product services that international market needs. we source our product thru every corner of the world which carries great value for money without compromising quality and design.

Lets growth the community thru building more affordable climbing wall for everyone



Jalan Bunga Anggerik 2, Dataran Ukay
Selangor, Malaysia
+601 133955009/+601 05666134
wonderwall.mal@gmail.com
<https://www.wonderwallmalaysia.com>