

GYMFLOOR

TECHNICAL DATA SHEET



CARDIO



LIGHT WEIGHTS



CROSSFIT



FUNCTIONAL TRAINING



EQUIPMENT

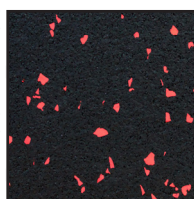


GROUP ACTIVITIES

FINISHING



Black

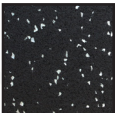
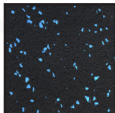
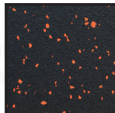
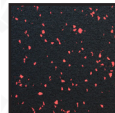
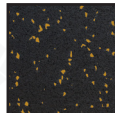


Black/Color

DIMENSIONS AND TOLERANCES

Thickness (mm)	4mm	6mm	8mm	10mm
Length - Roll (m)	15m	10m	8m	6m
Width Roll (m)	1,25m			
Size - Interlock	500x500 mm 1000x1000 mm			
Tolerances	Length and Width $\pm 1,5\%$ Thickness $\pm 5\%$			

MATERIAL

Composition	Recycled Rubber Granules with EPDM Pigment and PU Binder.				
Properties	Elastic resistance Abrasion resistance Compression and impact forces resistance Comfortable Sound insulation Anti-slip				
Colours					
	Black/White	Black/Blue	Black/Orange	Black/Red	Black/Yellow

SPECIFICATIONS

Density	Approx. 980Kg/m ³		
Ultimate tensile strength (N/mm²)	>1.80 N/mm ²		EN 12230
Elongation at break	98%		EN 12230
Compression set (DVR)	10 mm: 9% DVR with a compression of 25%		ISO 815
Max. compression at 5 N/mm²	12 mm: 2.32 mm without visible damage		EMPA
Shock absorption	Black 070.980	Black/Color 071.980 - 5%	EN 14808
	6mm: 12%	4mm: 10%	
	8mm: 14%	6mm: 14%	
	10mm: 17%		
Vertical deformation	0,3mm		EN 14809
Vertical ball behavior	95%		EN 12235
Resistance to indentation	0,07mm		EN 1516
Resistance to impact	>8Nm		EN 1517
Resistance to a rolling load	0,45mm		EN 1569
Temperature stability	-30°C a +80°C		
Dimensional change after heat exposure	Black	071.0980 - 20	EN 434
	Longitudinal: 0.15%	Longitudinal: 0.25%	
	Across: 0.0%	Across: 0.0%	
	Warping: 0mm	Warping: 0mm	
Thermal conductivity	0.17 W/(mK)		EN 12667
Fire behavior	Efl		EN 13501
Sound Improvement	6mm	8mm	EN ISO 10140
	17dB	18 dB	
Anti-slip property	Class R 10		DIN 51130
	Class DS (Safe)		EN 14041
	Dynamic coefficient of friction μ 0.57		EN 13893

Electrical properties	-0.7 kV (antistatic)	EN 1815
Water rate	Gymfloor 6mm: 32mm/h	EN 12616
Chemical behavior	Resistant to water, numerous diluted acids and alkaline solutions; chemically neutral; UV-resistant. Physical swelling or deterioration through oil, petrol etc.	EN 423

Notes: Its composition and appearance can change, while maintaining its behavior and performance.

Gymfloor may have different shades of black and differences in the pigment distribution along the roll.

