Decoflex™ D15
Specification according to EN 14877-2013

Decoflex™ D15 Outdoor Sports Flooring

Decoflex™ 'D' Series is prefabricated rubber sports flooring system specifically engineered for all weather sports applications. It is a true multipurpose sports surface ideal for schools, clubs, colleges, universities and public facilities.

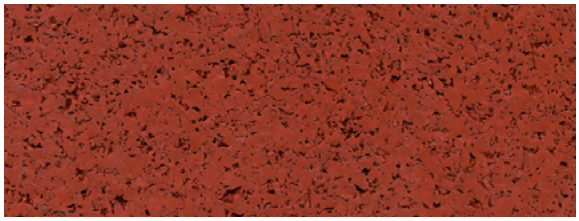
By incorporating a resilient recycled rubber base mat, Decoflex™ can be supplied in various thicknesses and be optimized for just about any outdoor sports requirement. The top surface is made of a high durable, colored synthetic EPDM rubber ensuring optimum playability. Decoflex™ is versatile, looks great, wears extremely well and is practically maintenance free. It exhibits excellent functional characteristics of slide control, slip resistance, rebound and safety.

Decoflex™ is ideally suited for all-weather sports applications such as street courts, tennis, basketball and multi-purpose recreational grounds. Decoflex™ has also been used around football/soccer fields as a protective safe surround.

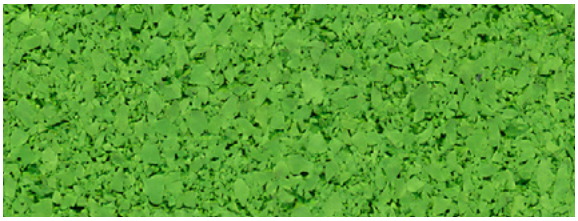
Product	Decoflex™ D15 Outdoor Sports Flooring
Description	Prefabricated roll composed of synthetic coloured EPDM rubber granules and an MDI polyurethane resin binder
Uses	Sports surfacing - tennis, basketball, volleyball, badminton, netball, 6-a-side soccer, handball, etc.
Thickness	15 mm
Length of roll	to suit job site (please specify)
Width of roll	1.25 m

Specifications

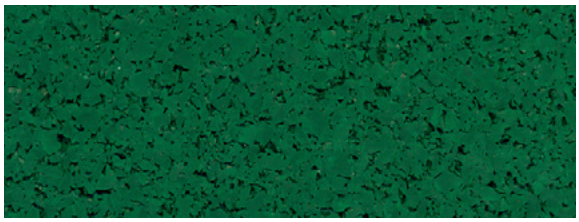
Test Procedures	Test Result		Requirements EN 14877:2013
	Average Values	Range	
Friction FT EN 13036-4			
Dry	92	91 / 93	dry 80 - 110
Wet	56	55 / 56	wet 55 - 110
Force Reduction FR EN 14808			
@ 10˚C	42%	42 / 43	25 - 60
@ 23˚C	43%	42 / 43	
@ 40˚C	44%	43 / 44	
Vertical Deformation VD EN 14809			
@ 10˚C	1.7 mm	1.7 / 1.9	≤ 3
@ 23˚C	1.9 mm	1.8 / 2.0	
@ 40˚C	2.1 mm	2.0 / 2.2	
Thickness (total) EN 1969	15.2 mm	15.0 / 15.4	≥ 10
Water Permeability EN 12616	impermeable	-	≥ 150
Resistance to Wear RW ISO 5470-1	2.05 g	2.04 / 2.05	≤ 4
Tensile Properties EN 12230			
Tensile Strength	0.46 N/mm^2	0.42 / 0.51	≥ 0.40
Elongation @ Break	55%	48 / 62	≥ 40
Spike Resistance EN 14810			
Tensile Strength	0.42 N/mm^2	0.40 / 0.44	≥ 0.40
Elongation @ Break	49%	44 / 52	≥ 40
Performance after Exposure to Heat and Hot Water EN 13817 EN 13744			
Tensile Strength	0.52 N/mm^2	0.49 / 0.56	≥ 0.40
Elongation @ Break	48%	46 / 50	≥ 40
Spike Resistance	0.43 N/mm^2	0.40 / 0.46	≥ 0.40
Elongation @ Break	50%	44 - 54	≥ 40
Force Reduction	41%	40 / 41	25 - 60
Performance after Exposure to UV Light EN 14836			
Resistance to Wear Wheel H18 + 1000g	1.67	1.66 / 1.69	≤ 4
Colour Change ISO 20105-A02	4	4 / 4	min. 3



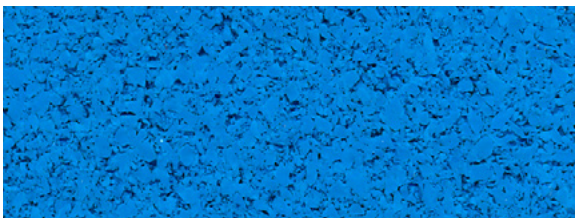
Red



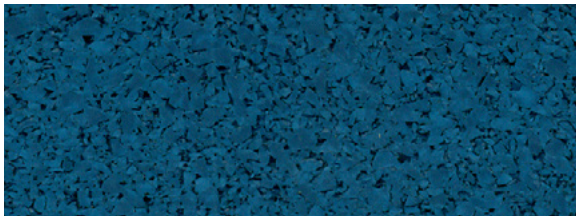
Green



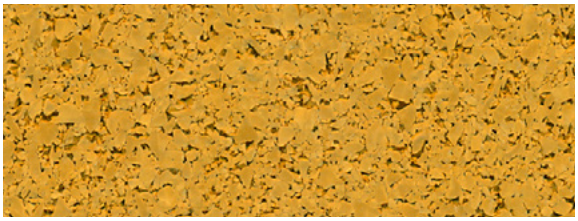
Signal Green



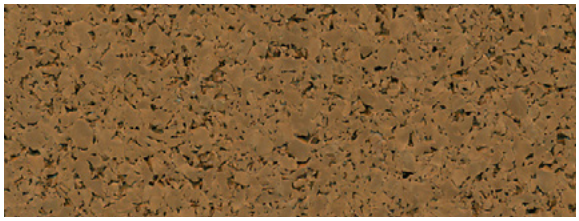
Blue



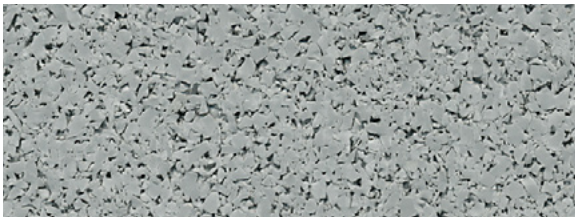
Capri Blue



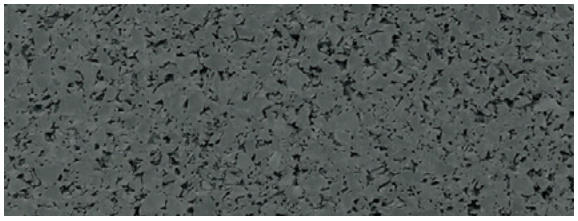
Earth Yellow



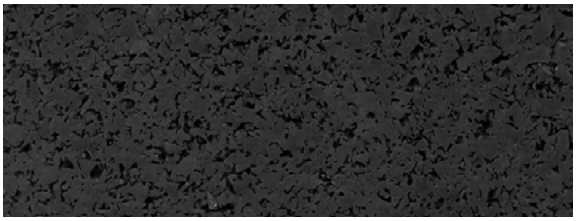
Brown



Gray



Telegray



Black

web | www.rephouse.com
email | info@rephouse.com