

Decoflex™ D12
Specification according to
EN 14877-2013

Decoflex™
SPORTS FLOORING

REPHOUSE



Decoflex™ D12 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.

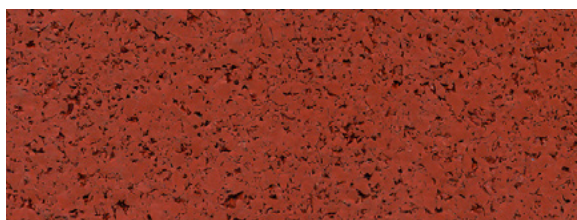
Decoflex™ is ideally suited for all-weather sports applications such as street courts, tennis, basketball and multi-purpose recreational grounds. Decoflex™ has also been used around football/soccer fields as a protective safe surround.

Product	Decoflex™ D12 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	12 mm
Length of roll	to suit job site (please specify)
Width of roll	1.25 m

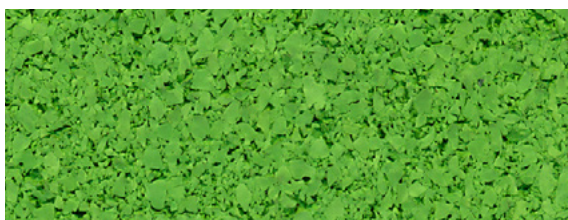
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Specifications

Test Procedures	Test Result		Requirements EN 14877:2013
	Average Values	Range	
Friction FT EN 13036-4 Dry Wet	93 56	93 / 94 55 / 56	dry 80 – 110 wet 55 - 110
Force Reduction FR EN 14808 @ 10°C @ 23°C @ 40°C	36% 36% 37%	36 / 36 36 / 36 36 / 37	25 - 60
Vertical Deformation VD EN 14809 @ 10°C @ 23°C @ 40°C	1.4 mm 1.5 mm 1.6 mm	1.3 / 1.4 1.4 / 1.5 1.6 / 1.7	≤ 3
Thickness (total) EN 1969	12.2 mm	12.1 / 12.2	≥ 10
Water Permeability EN 12616	impermeable	-	≥ 150
Resistance to Wear RW ISO 5470-1	2.05 g	2.05 / 2.06	≤ 4
Tensile Properties EN 12230 Tensile Strength Elongation @ Break	0.48 N/mm ² 59%	0.42 / 0.51 54 / 66	≥ 0.40 ≥ 40
Spike Resistance EN 14810 Tensile Strength Elongation @ Break	0.47 N/mm ² 57%	0.50 / 0.49 50 / 64	≥ 0.40 ≥ 40
Performance after Exposure to Heat and Hot Water EN 13817 EN 13744 Tensile Strength Elongation @ Break Spike Resistance Elongation @ Break Force Reduction	0.55 N/mm ² 54% 0.47 N/mm ² 56% 35%	0.53 / 0.58 0.43 / 0.50 48 - 64 35 / 35	≥ 0.40 ≥ 40 ≥ 0.40 ≥ 40 25 - 60
Performance after Exposure to UV Light EN 14836 Resistance to Wear Wheel H18 + 1000g Colour Change ISO 20105-A02	1.67 4	1.69 / 1.66 4 / 4	≤ 4 min. 3



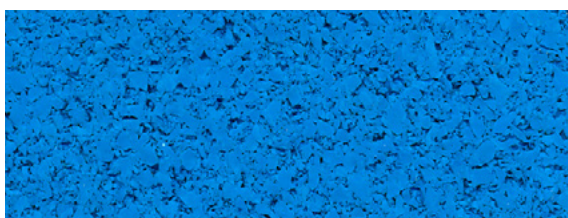
Red



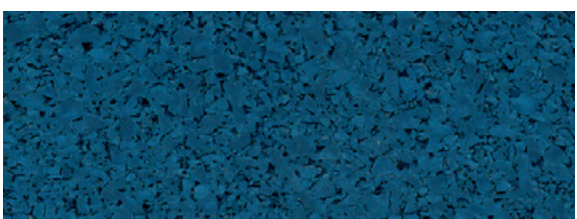
Green



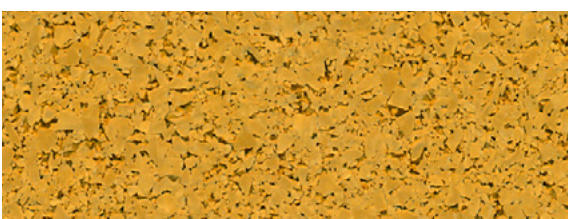
Signal Green



Blue



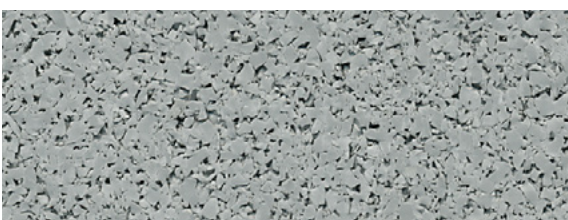
Capri Blue



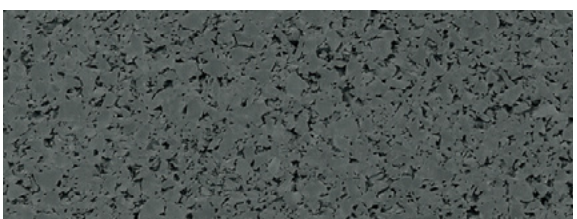
Earth Yellow



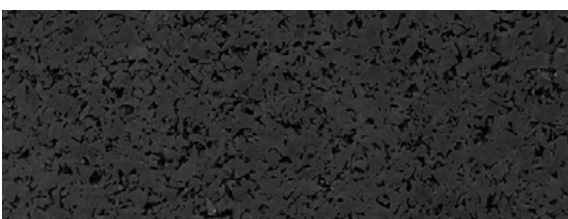
Brown



Gray



Telegray



Black

