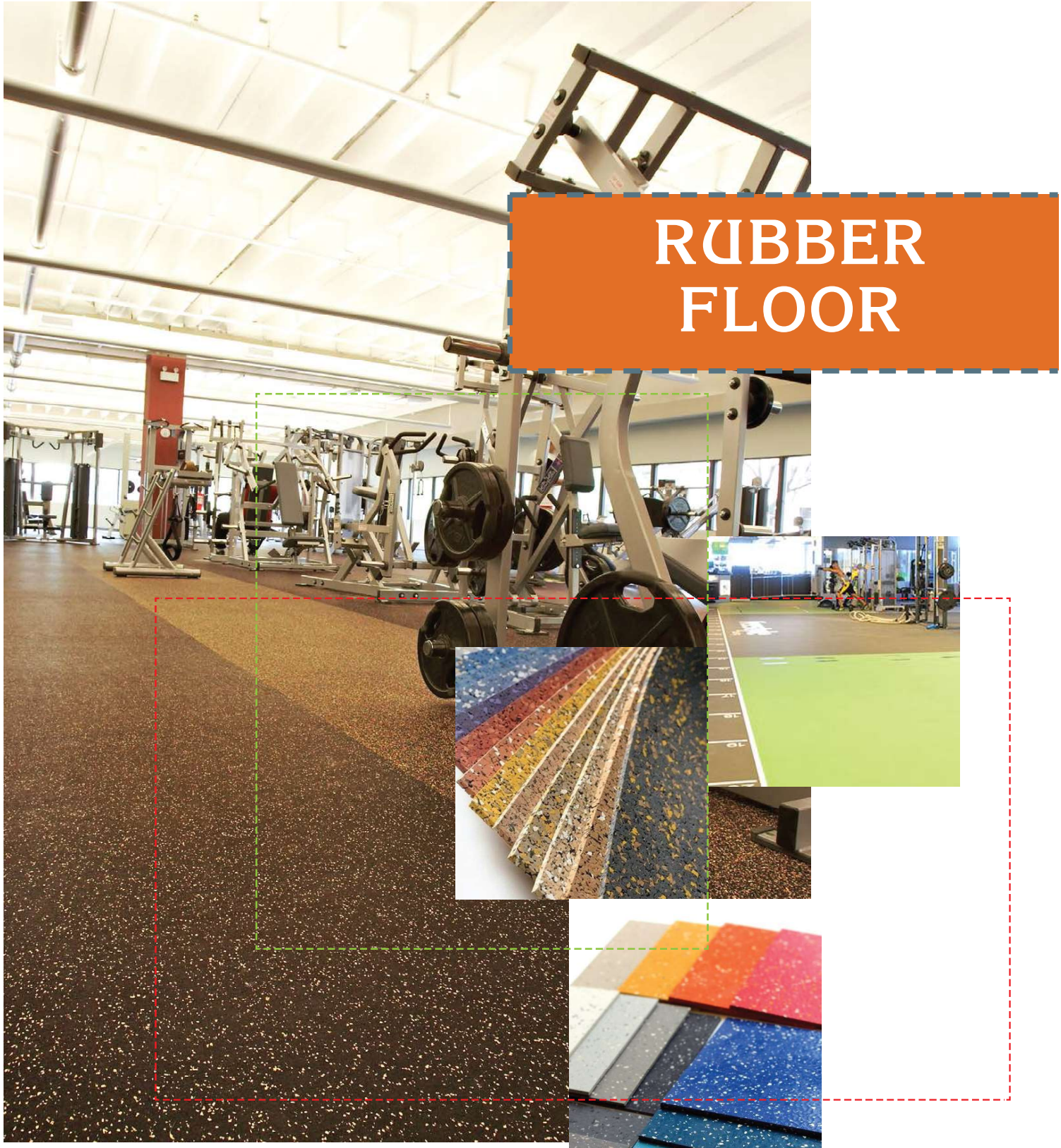
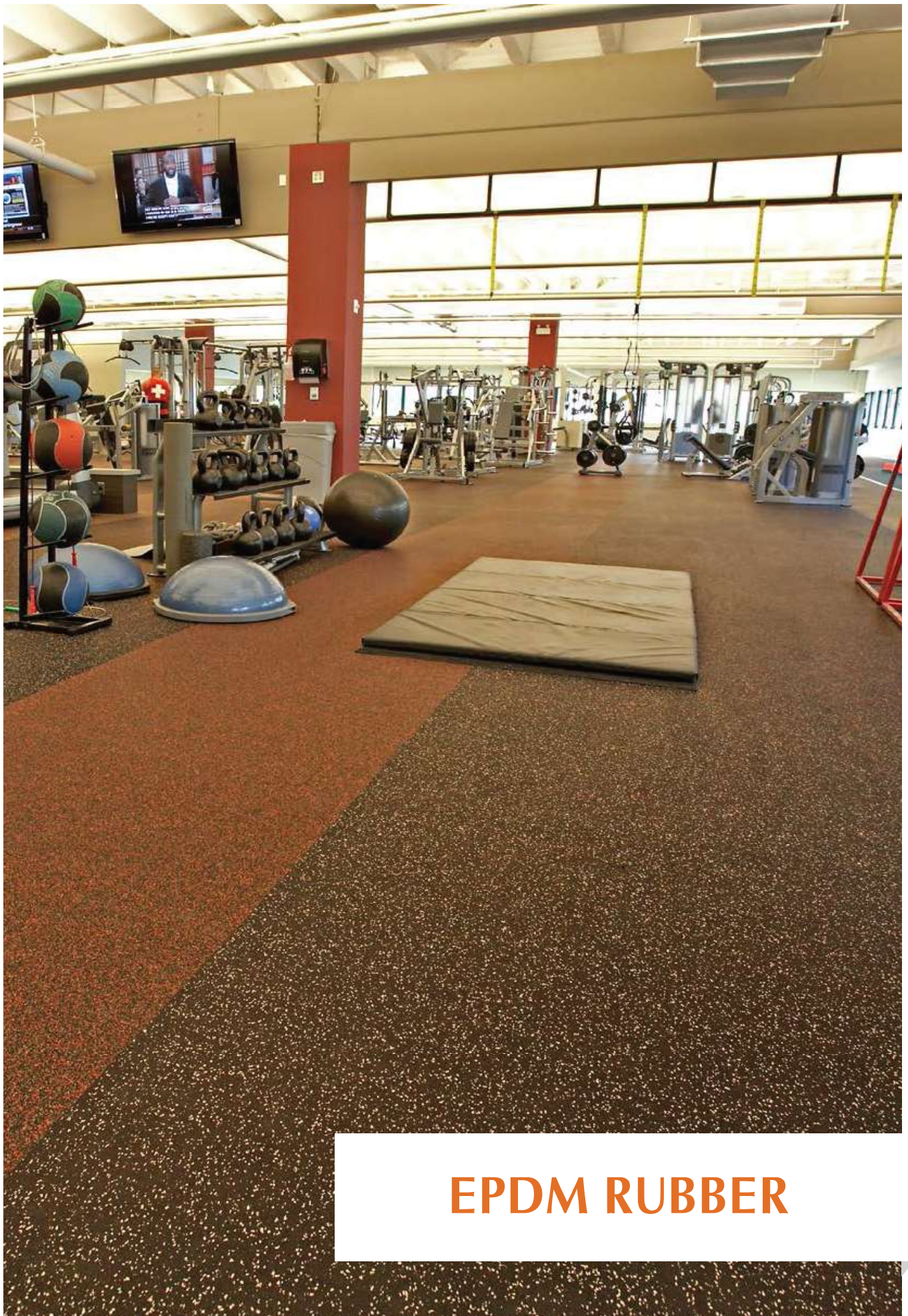


RUBBER FLOOR





EPDM RUBBER


Technical Data

Product attributes

Product	Resilient and homogenous rubber flooring for sports and fitness flooring applications
Material composition	PUR bonded EPDM granulate
Roll sizes	10 m / 20 m long x 1.25 m wide
Thickness	4 mm or 6 mm
Weight	Approximately 1.22~1.38 kg/m ² per mm thickness
Colour pattern	Single colour or multicolour combination
Main areas of application	Cardio, strength and functional training areas

Performance characteristics	Standard	Result	Remarks
Force reduction	Based on EN 14904	4 mm: 7.3 % 6 mm: 10.0 %	adequate force reduction rating for general fitness training
Impact resistance	Based on EN 14904	4 mm: 14 Nm 6 mm: 15 Nm	exceeds industry standard

Safety features	Standard	Result	Remarks
Flammability rating	EN 13501-1	C _{fl} -s1	low flammability
Sliding properties	EN 13893	≥ 0.3 μ	anti-slip
Slip resistance	BGR 181	R9	anti-slip
Slip resistance under wet conditions	DIN 51097	C	high slip resistance in wet areas
Impact sound improvement rating	ISO 140-7	4 mm: 18 dB 6 mm: 19 dB	very good impact sound insulation properties

Technical properties	Standard	Result	Remarks
Thermal conductivity	EN ISO 10140	0.13 W/(mK)	suitable for underfloor heating
Electrostatic behaviour	EN 1815	> ± 2 kV	not anti-static
Colour fastness	ISO 105-B02	Level 5	good
Light reflectance	EN 13745	> 0.3	low light reflectance, supports uniform room lighting
Gloss level	Proprietary test	0.0 - 0.3 GU	no visible gloss effects
Castor chair suitability	EN 425	Type W roller	suitable for constant usage with safety mats
Compressive stress at 20 % deformation	based on DIN EN ISO 3386-2	4 mm: 5080 kPa	very high load capacity
Residual indentation	based on DIN EN 433	4 mm: 0.20 mm	low to moderate residual indentation
 Notified Body	07/EN 14041: 2008	Flammability rating Sliding properties Thermal conductivity	result (see above)
General technical approval		DIBT approval number Z-156.602-1468	floor tested for emissions in accordance with DIBt principles (DIBt = German Institute for Structural Engineering)

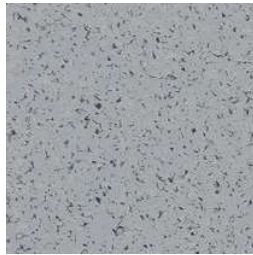
Colours may differ from the originals due to the nature of the printing process. colour and design deviations between different production batches cannot be avoided. If possible, material from one production batch is supplied.

UNI I

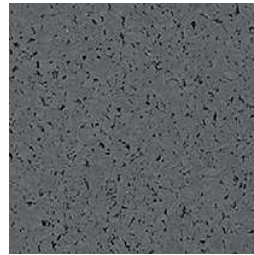
Dense, fine granulate structure



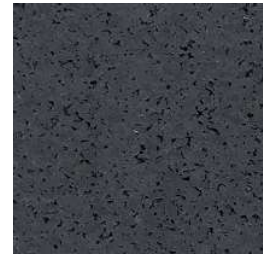
Kush [1030]



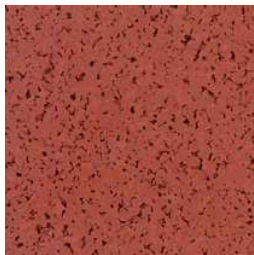
Berlin [1105]



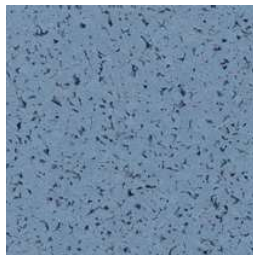
Oslo [1187]



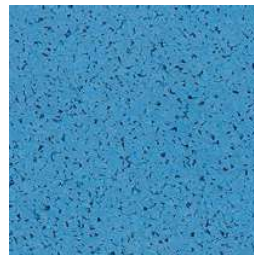
Mons [1113]



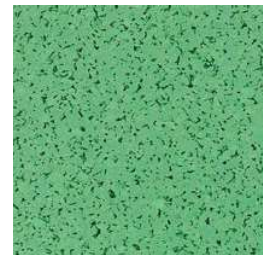
Goa [1008]



Nome [1112]



Palau [1010]

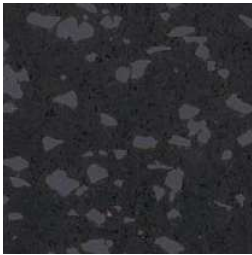


Manaus [1009]

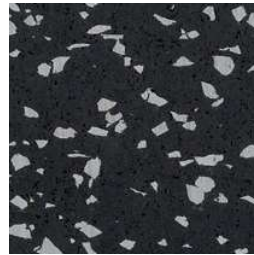


CLASSIC

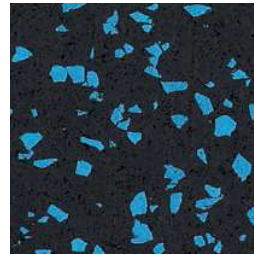
High density black rubber with medium percentage of coloured granulate



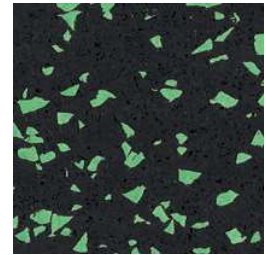
Mons I [3256]



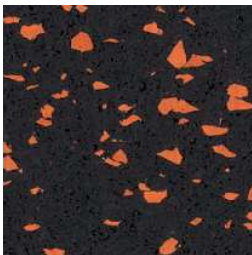
Berlin [3030]



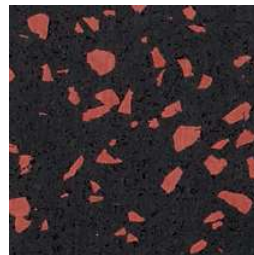
Palau [3031]



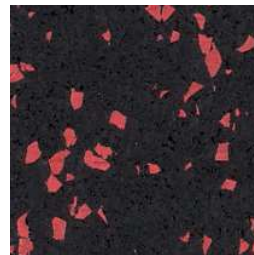
Manaus [3032]



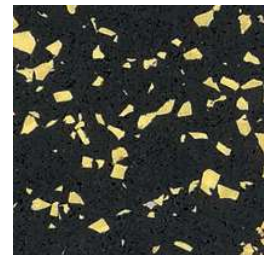
Amsterdam [3145]



Goa [3033]



Sidon I [3148]

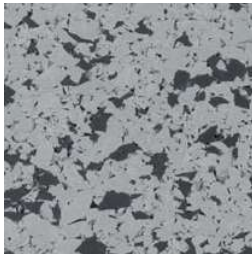


Melbourne [3029]

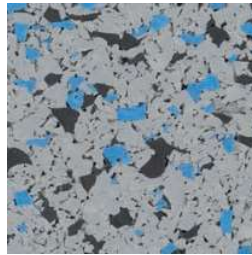


STONE

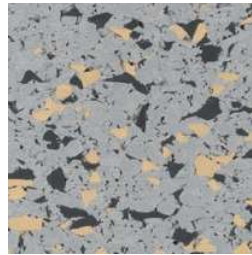
Dense, mixed granulate structure



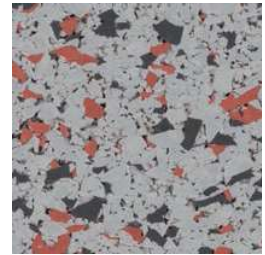
Iceland [3000]



Helsinki [3001]



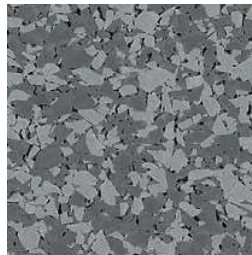
Kipros [3002]



Jakarta [3003]



Paris [1085]



Tokyo [1198]



Mons [3138]

Dense, fine granulate structure



Nome [2004]



Berlin [2005]



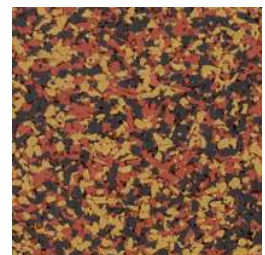
Pompeji [1194]



Oslo [1208]



Kush [2001]

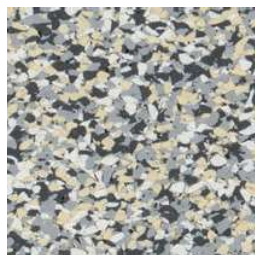


Goa [2000]

Dense, fine granulate structure



Gotland III [1188]



Toronto III [1055]



Hamburg III [1063]



La Digue III [1067]



Siwa III [1071]

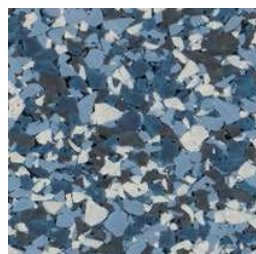
Dense, coarse granulate structure



Toronto IV [1056]



Hamburg IV [1064]



La Digue IV [1068]



Siwa IV [1072]



La Digue V [1155]



Polyurethane Seamless Rubber

EN
14904

DIN

Polyurethane Seamless Rubbers are well known for top quality for all kind of different sports in all possible climates all over the globe. The high slip resistance and the excellent wear resistance make the PU Sport systems the right choice for many athletes and gymnastic. Due to the durability and elastic characteristics PU sport systems can be used for all kind of sports, but also for several non-sport events like exhibitions, exams and seminars. This makes PU Sport the true multipurpose choice.

Unique features:

- Seamless sport flooring
- Maximum slip resistance
- Excellence wear resistance
- Easily resurfacable when necessary
- Optimal ball bounce
- Environment care
- Wide range of standard colours
- Luxury look

PU Rubber Layout



Technical Data

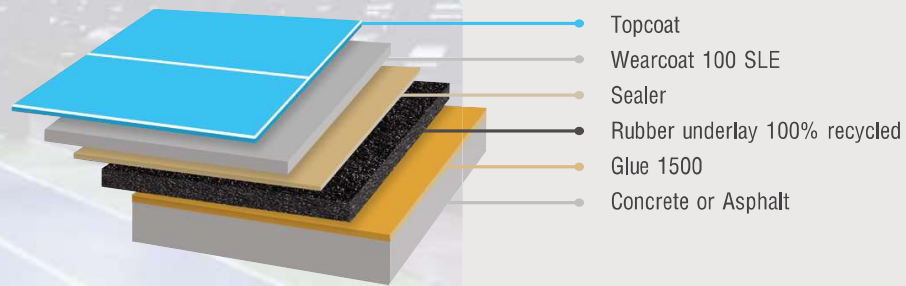
Property

- Friction
- Shock absorption
- Vertical deformation
- Vertical ball behaviour
- Resistance to rolling load
- Resistance to wear
- Specular gloss
- Resistance to indentation
- Resistance to impact

BS EN 14904 requirement

80 - 110
 25 - 75
 < 5.0
 > 90
 < 0.5 (no damage)
 < 1.0
 Lacquered < 45
 < 0.5
 No cracking, splitting or permanent indentation

PU Rubber build-up



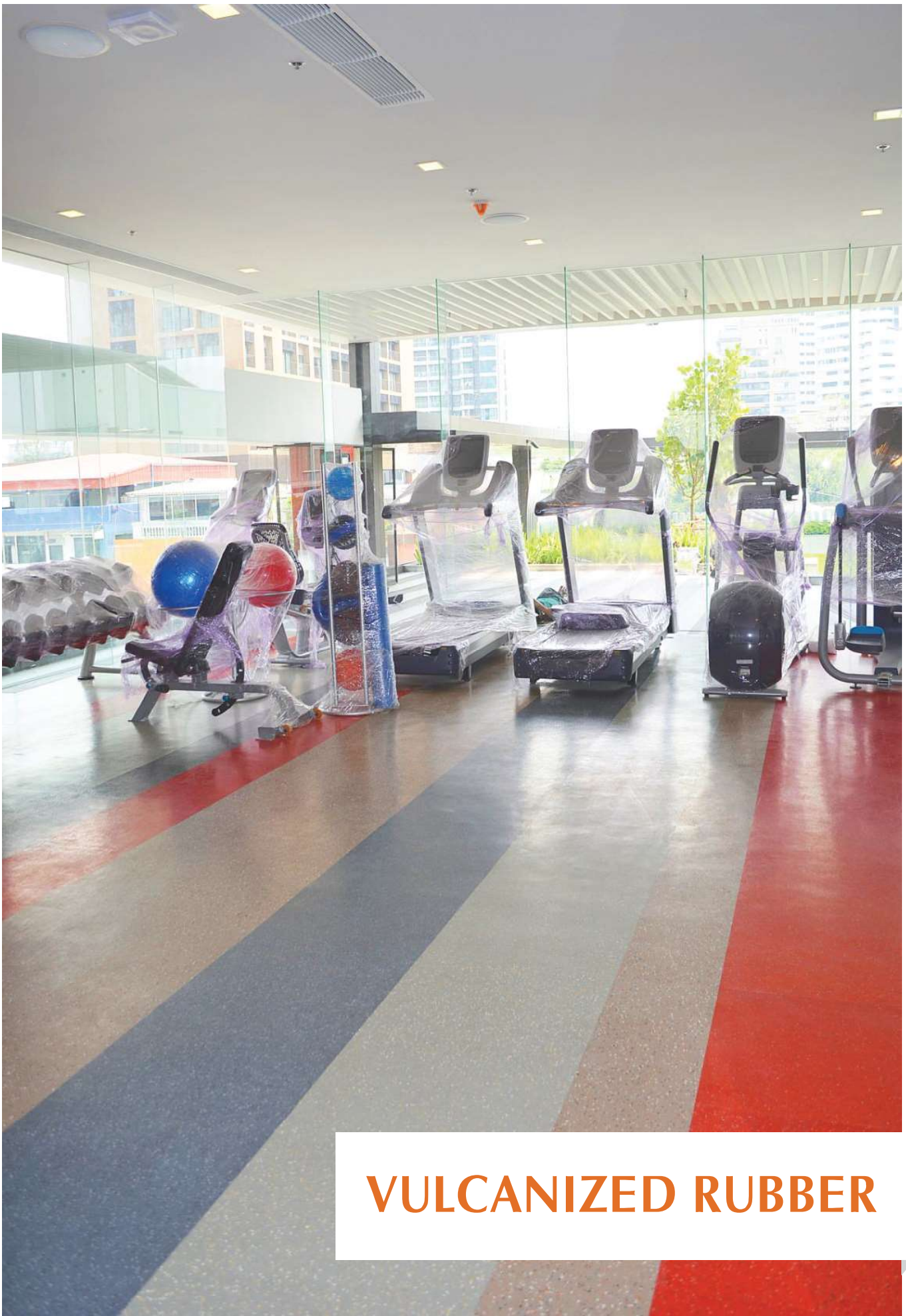
- Topcoat
- Wearcoat 100 SLE
- Sealer
- Rubber underlay 100% recycled
- Glue 1500
- Concrete or Asphalt

Colours









VULCANIZED RUBBER

VULCANIZED RUBBER

FEATURES

- Non Smell
- Extra Heavy Contract
- Slip Resistant (R10)
- Ease of Maintenance
- Underfoot Comfort
- Cigarette Burn Resistant
- Sound Absorbency
- Free from Toxic substances
- PVC Free



DIMENSIONS

- 610 x 610 x 3mm (Thailand)
- 500 x 500 x 3mm (Germany)
- 1000 x 1000 x 6mm (China)

**NON
TOXIC**

**USEFUL
LIFETIME**

**CHEMICAL
RESISTANCE**

**FIRE
RESISTANCE**



**NO COATING
REQUIRED**

**NON
SLIP**

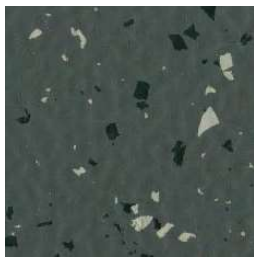
**DIMENTIONALLY
STABLE**

**NO SURFACE
DAMAGE**

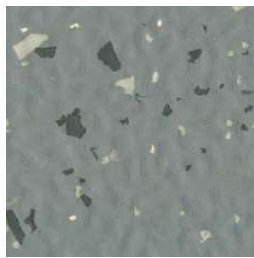
Technical Data

Technical Data	Standard	Results
Hardness	DIN 53505 (Shore A)	88+5
Abrasion Resistance	DIN 53516 (5N Load, mm)	< 160
Compression Set	DIN 53517. I (22 h/at 70 Ç, 25%defl.)	40-
Dimensional Stability	DIN 51962 (%)	< 0.6
Electric Insulation	DIN 51953 (Ohm)	~1.4 x 10"
Chemical Resistance	Diluted acid & alkalis	Show no damage
Sound Insulation	DIN 52210 (dB)	ΔI = 11
Color Fastness	DIN 53389 (deg)	> 6
Fire Classification	DIN 4102 B 1 Part 14	28.3%
	UL 94 Clause 7 Horizontal Burning TEST	HB

Technical Data / Spec. may be changed without prior notice.



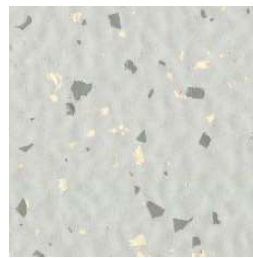
CJ-201



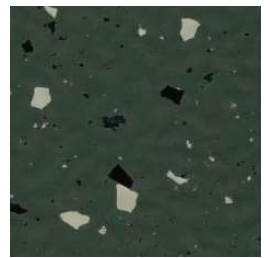
CJ-202



CJ-203



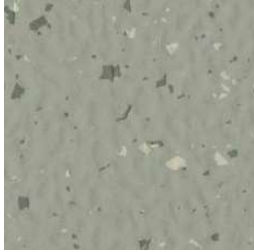
CJ-204



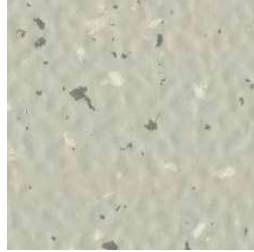
CJ-205



CJ-206



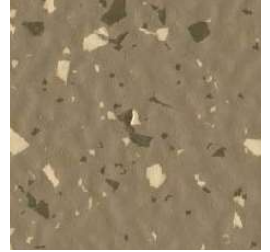
CJ-207



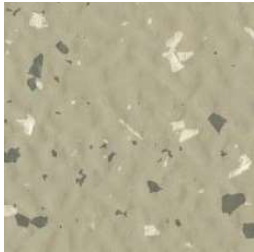
CJ-208



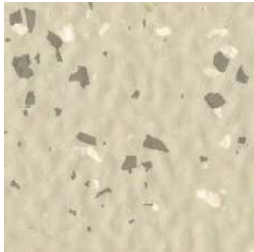
CJ-209



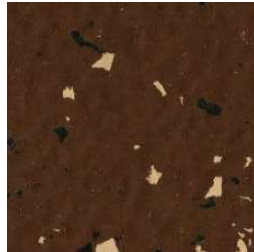
CJ-210



CJ-211



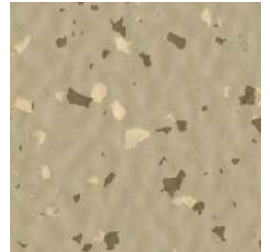
CJ-212



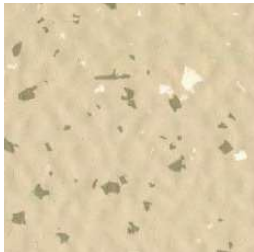
CJ-213



CJ-214



CJ-215

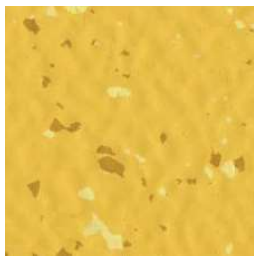


CJ-216

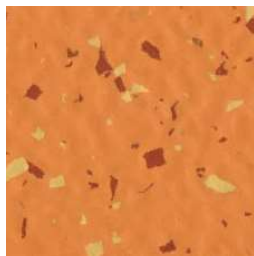


CJ-217





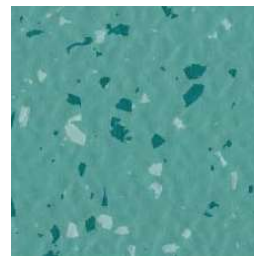
CJ-218



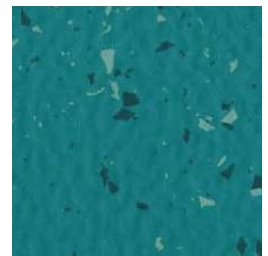
CJ-219



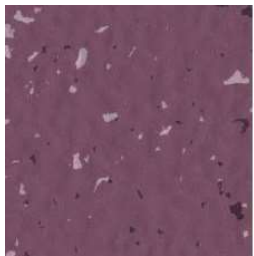
CJ-220



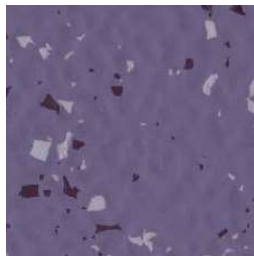
CJ-221



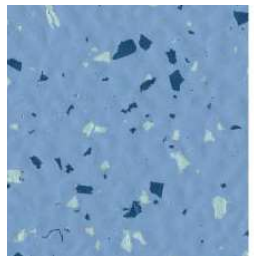
CJ-222



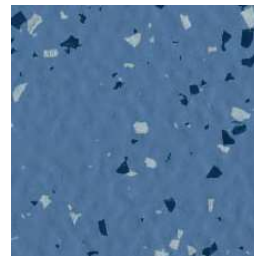
CJ-223



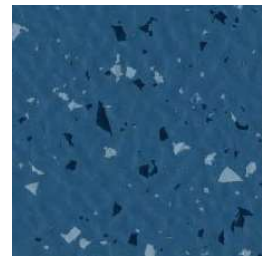
CJ-224



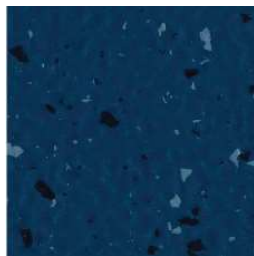
CJ-225



CJ-226



CJ-227



CJ-228



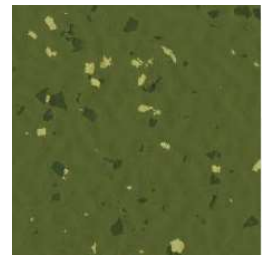
CJ-229



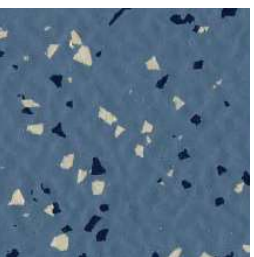
CJ-230



CJ-231



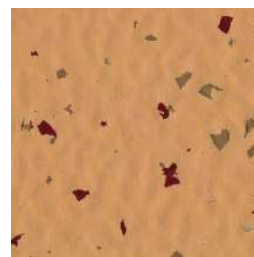
CJ-232



CJ-234



CJ-235



CJ-236



CJ-237



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