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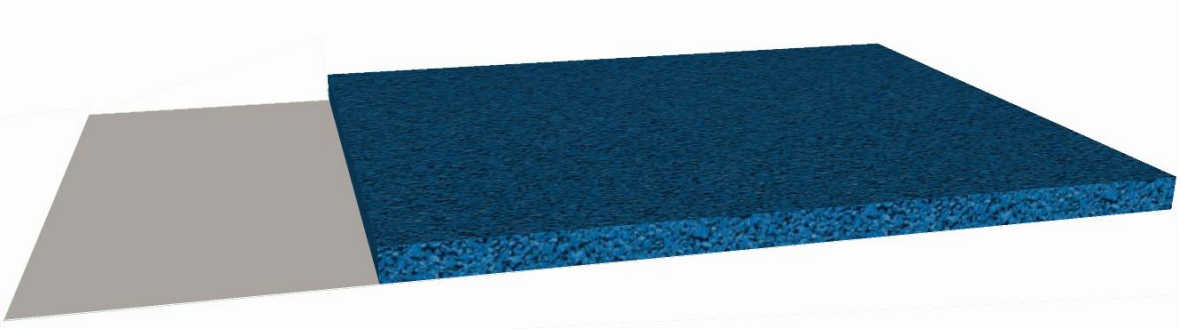
PAGplay – EPDM Single Layer Sports Flooring

Total Thickness 10-15mm



1-Layer Elastic Seamless Playground Flooring of 10-15mm total thickness

PAGplay – EPDM is a water-permeable system of EPDM bound with MDI-based Polyurethane Binder. It is ideal for Playgrounds and Multi-Game-Areas and fulfils the requirements of EN71.3

1.0 Build-Up

Subbase of fully cured (at least 28 days) asphalt or concrete free of any dirt or spillage, that might prevent bonding of the rubber to the asphalt

If used in areas of chlorinated water, an additional waterproofing membrane is recommended, consisting either of epoxy or PU Coating.

PU Primer PP1000 applied by roller on top of the subbase (skip for unbound surface).

EPDM layer consisting of **EPDM1035** (granules of 1.0 – 3.5mm size) mixed with PU Binders **PB3300** or **PB3400** installed at 10-15mm thickness.

If used in areas of chlorinated water, PB3400 aliphatic binder has to be used, even on colors that normally use aromatic binder.

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2.0 COLOR CHART

01 – Bright Red*
~RAL 3017

02 – Maroon Red
~RAL3016

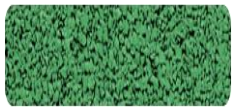
03 – Orange*
~RAL2008

04 – Red Violet
~RAL4002

05 – Bright Yellow
~RAL1012

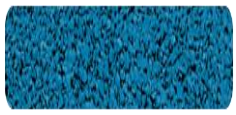
06 – Golden Yellow
~RAL1002

07 – Light Green
~RAL6011

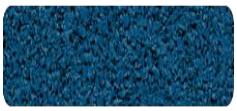


08 – Grass Green
~RAL6017

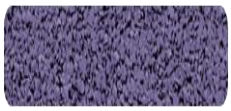
09 – Dark Green
~RAL6005



10 – Sky Blue*
~RAL5015



11 – Dark Blue*
~RAL6010

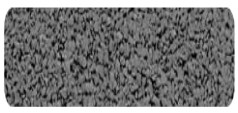


12 – Purple*
~RAL4005

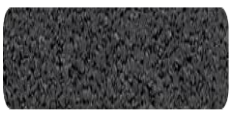
13 – Light Ivory*
~RAL1015

14 – Beige
~RAL1014

15 – Brown
~RAL8024



16 – Light Grey*
~RAL7037



17 – Dark Grey
~RAL7011

18 – White*
~RAL9010

Note: Colors marked with an * are recommended to be applied with Aliphatic Binder PB3400

Aromatic Polyurethane Binder will yellow under influence of UV (sunlight). This yellowing is normal and does not influence the quality of the materials, but will change the look of the colours. This effect will wear off after 3-5 months, as the surface binder will be weathered off.

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3.0 Other Technical Characteristics

Sliding Behaviour as per **DIN 18035 – Part 6**

Sliding Coefficient µ - dry surface (req: ≤ 0.8)	0.66
Sliding Coefficient µ - wet surface (req: ≥ 0.5)	0.52

Sliding Behaviour as per **DIN 51130:2010 – Part 10** for dry surfaces

Middle Slope of 6 tests	16% (Class R10)

Sliding Behaviour as per **DIN 51097:1992 – Part 11** for wet surfaces barefoot

Middle Slope of 8 tests	21% (Class B)

Flammability as per **DIN 4102**	**Class B2** (normal flammability)

Abrasion Behaviour as per **DIN 18035 – Part 6**

Relative Abrasion Resistance	rV = 18 (≥1 for textured surfaces)

After 5 cycles, the amount of abraded material was ~29% of the amount after 20 cycles.