

Regupol® kombi 1300, 4 + 4 mm

Dual durometer multipurpose all weather games court surface



1. Sub base

A hot bituminous asphalt-concrete pavement following DIN 18 035 standards. Typically paved in 2 layers. Lower leveling course is 40 mm thick and open graded. Wearing course is 30 mm thick and impermeable. Asphalt pavement is paved by laser guided machinery over a compacted crushed stone base. Density, stability, slopes, compaction and planarity are critical. Finished level tolerances must not exceed 4 mm under a 4 m straight edge. No step-like deviations are allowed.

Playing court shall be constructed with an inclination of 1,0 %. Surrounding the playing surface a concrete curb is installed. Curb is raised by 8 mm above asphalt base-level. Court shall have a surface - water drainage at the lower side along the curb.

Concrete slabs are optional. Detailed sub base and base specifications by BSW.

2. Adhesive

A two-component, specifically formulated polyurethane adhesive Regupol® Contact as supplied by BSW. Consumption rate over dense asphalt base at moderate temperatures: Approx. 1,0 – 1,1 kg/m².

SPECIFICATION SHEET

4. Application

Regupol® kombi pad is rolled out and entirely adhered to substrate by 2-component polyurethane Regupol® Contact adhesive, using notched steel trowels. Application rate: 1,0 – 1,1 kg/m² over dense asphalt base. Rolls are butt-joined, head joints are being cut tight to curb.

Installation of Regupol® kombi must be carried out either by BSW staff, under BSW – supervision or by approved Regupol® - applicators.

5. Line Marking

Games court marking material is a two – component polyurethane line marking paint as supplied or recommended by BSW. Paint is spray-, or roller – applied.



SPECIFICATION SHEET

6. Product data Regupol® kombi 1300, 4 + 4 mm

Properties	Test norm	Result
Specific weight black base		720 kg/m ³
Specific weight EPDM 1.300		1.270 kg/m ³
Weight per m ²		8,84 kg
Tensile Strength	DIN EN ISO 1798	1,10 N/mm ²
Elongation at Break	DIN EN ISO 1798	65 %
Tear Resistance	DIN ISO 34-1 [B]	10,5 N/mm
Stress at 25% Compression	DIN EN ISO 3386-2	3,5 N/mm ²
Force Reduction	DIN 18 032, part 2	18 %
Vertical Deformation	DIN 18 032, part 2	0,43 mm
Coefficient of Friction (TRRL)	DIN EN 13 893	0,66 μ (EPDM 1270)
Ball rebound	DIN 18 035	99 %
Temperature Resistance		-40° C up to +115° C

Thickness: 8 mm

Standard roll widths: 1.220 mm / 1.250 mm

Standard roll length: 40 lm or tailor made

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