



Beynon BSS 300

Test Report No. EN-K5310

1. Client / fabricator

FieldTurf Tarkett SAS
1 Terrasse Bellini – Tour Initiale
92919 Paris La Defense

France

2. Type of Test

Synthetic surface test according to

- DIN 18035-6:2021-08 „Sports ground – Part 6: Synthetic surfaces“, Annex A: Environmental protection recommendations.

3. Test details

Start of the test procedure:	July 6 th 2022
End of the test procedure:	September 25 th 2022
Approval by:	M. A. Matthias Schucht
Test status:	completed
Test result:	passed

4. Test Specimen

Synthetic surface – Beynon BSS 300

(Sample ID: 2022 - 154)

Sample: 0.50 x 0.50 m (received 06.07.2022)

Retained samples are kept in the laboratory. The results in this test report are only according to the Prepared sample itself, as well as to the individual parts.

5. Test results

5.1 Test result*

DIN 18035-6:2021-08 - Annex A: Environmental protection recommendations

Beynon BSS 300 - Sample ID 2022 – 154

Analysis original substance

	Test method	Unit	Requirement	Result
EOX	DIN 38414 S17	mg/kg TS	100	12
Phthalate (Sum 6 compounds)	DIN 18035: 2021-08	mg/kg OS	-	< 1.0
Nonylphthalate Mixture	PA 413 / GC-MS	mg/kg	-	neg.
Decylphthalate Mixture	PA 413 / GC-MS	mg/kg	-	neg.
Chlorine Paraffins (SCCP)	AfPS GS 2014:01	mg/kg	1500	< 80
Chlorine Paraffins (MCCP)	Toluol extraction data capturing using GC- ECD	mg/kg	-	< 80

Analyse at 24h eluate according to DIN 18035-6:2021-08

	Test method	Unit	Requirement	Result
DOC (KT) (dissolved organically bound carbon)	photometric according to Lange	mg/l	50	10
Lead	DIN EN ISO 17294-2: 2017-01	µg/l	25	< 1
Cadmium	DIN EN ISO 17294-2: 2017-01	µg/l	6	< 0,3
Chrome	DIN EN ISO 17294-2: 2017-01	µg/l	50	<1
Chrome (VI)	DIN 38405 D40	mg/l	0.008	< 0,008
Mercury	DIN EN ISO 12846	µg/l	1	< 1
Zinc	DIN 38406 E8	mg/l	0.50	0.04
Tin	i.A. DIN 38406 E 62	mg/l	0.04	< 0.001

* Test have been performed by the accredited chemical test laboratory „Dr. Stegemann“. Test report No. 122081280.

6. Evaluation - Assessment

The test results of the tested synthetic surface "Beynon BSS 300" fulfill the requirements of DIN 18035-6:2021-08 „Sports ground – Part 6: Synthetic surfaces“, Annex A: Environmental protection recommendations.

The test results exclusively relate to the test specimen.

Measurement uncertainties were not considered but can be provided on enquiry.

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Deutsche
Akkreditierungsstelle
D-PL-18702-01-00

Osnabrück, November 16th 2022

DIN EN ISO/IEC 17025 by DakkS accredited test laboratory. The accreditation covers the test methods displayed on the certificate.



Matthias Schucht M.A.

Managing Director



Eileen Wendeln B.A.

Creator of report

End of test report EN-K5310.