



## Beynon BSS 2000

### Test Report No. EN-K5214

#### 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

<b>Start of the test procedure:</b>	June 9 <sup>th</sup> 2022
<b>End of the test procedure:</b>	July 1 <sup>th</sup> 2022
<b>Approval by:</b>	M. A. Matthias Schucht
<b>Test status:</b>	completed
<b>Test result:</b>	passed

#### 4. Test Specimen

**Synthetic surface – Beynon BSS 2000**

**(Sample ID: 2022 - 125)**

Sample: 0.50 x 0.50 m (received 09.06.2022)

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 2000 - Sample ID 2022 - 125**

#### Analysis original substance

	Test method	Unit	Requirement	Result
EOX	DIN 38414 S17	mg/kg TS	100	< 2.0
Phthalate (Sum 10 compounds)	DIN 18035: 2021-08	mg/kg OS	-	2.8
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	23
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	0.02
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. 122060315

## 6. Evaluation - Assessment

The test results of the tested synthetic surface "Beynon BSS 2000" 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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Osnabrück, August 12<sup>th</sup> 2022



Deutsche  
Akkreditierungsstelle  
D-PL-18702-01-00

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-K5214.