ISP | INSTITUT FÜR SPORTSTÄTTEN-PRÜFUNG

# TEST REPORT

No. 2110126/1 dated 08.04.2026

**KernowJet Event Shark**

**Type of Testing:** Performance testing of a top layer in accordance with DIN EN 14904:2006, the European standard for surfaces for sports areas – Indoor surfaces for multi-sports use - Specification

**Applicant:**
**Kernow Coatings Limited**
Kernick Road, Penryn Cornwall.
TR10 9DQ
United Kingdom

**Test Institute:**
**ISP GmbH**
Institut für Sportstättenprüfung
Amelunxenstr. 65
48167 Münster
Germany

**Order No:** 2110126

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DAkkS Deutsche Akkreditierungsstelle D-PL-20181-01-00

By the Deutsche Akkreditierungsstelle (DAkkS) DIN EN ISO/IEC 17025:2018 accredited testing laboratory.
The accreditation covery only the test methods listed in the D-PL-20181-01-00 accredication certificate.


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| | |
|---|---|
| **Manufacturer:** | See applicant |
| **Sampling:** | No sampling by employees of ISP GmbH,<br>Sample has been provided by the applicant. |
| **Test location:** | **ISP GmbH**<br>Institut für Sportstättenprüfung<br>Amelunxenstr. 65<br>48167 Münster<br>Germany |
| **Date of testing:** | 16.02.2026 – 17.03.2026 |
| **ISP Sample No.:** | 2110126/1 |

## 1. Sample Description

| | |
|---|---|
| 2110126/1 | Foil alone, one role<br>Manufacturer's inscription: KernowJet Event Shark<br>Thickness: approx. 0.3 mm<br>Dimensions: approx. 1.37 m x 5.00 m<br>Sample receipt: 16.02.2026 |


Bild 1: Top view

## 2. Test Procedure

The performance testing of the selected parameters of the foil was carried out in accordance with DIN EN 14904:2006 at the laboratory of the ISP GmbH.

The following performance tests have been conducted on the tested sample:

**Performance Tests**

| | |
|---|---|
| Determination of friction | (DIN EN 13036-4:2011-12) |
| Determination of gloss value | (DIN EN ISO 2813:2015-02) |
| Determination of specular reflectance | (DIN EN 13745:2004-05) * |
| Determination of abrasion resistance | (DIN EN ISO 5470-1:2017-04) |

Test methods labelled with a * are not part of the DIN EN ISO/IEC 17025:2018 accreditation of the ISP GmbH.

The specular gloss value was determined at an angle of incidence of 85° in two directions towards the surface structure.

The determination of abrasion resistance was carried out with H18 wheels with a load of 1000 g and CS10 wheels (Taber Industries) with a load of 500 g. The material loss was determined after 1000 cycles.

All relevant test information e.g. technician, date of testing, conditioning period and test conditions were recorded and stored in the ISP GmbH archive.

The test climate of 23/50-2 met the requirements of DIN EN ISO 291:2008-08.

## 3. Test Results

The following table shows the test results of the performance testing. The results are compared with the requirements of DIN EN 14904:2006.

| Test | Unit | Result | Requirement |
|---|---|---|---|
| **Friction** | | | |
| Direction 1 | **-** | 104 | **80 – 110** |
| Direction 2 | **-** | 103 | **80 – 110** |
| | | | |
| **Gloss value** | | | |
| Direction 1 | **%** | 4.5 | **≤ 45** [1)] |
| Direction 2 | **%** | 3.9 | **≤ 45** [1)] |
| | | | |
| **Specular reflectance** | | | |
| Direction 1 | **%** | 86.4 [a)] | **-** |
| Direction 2 | **%** | 86.4 [a)] | **-** |
| | | | |
| **Abrasion resistance** | | | |
| CS10 | **mg** | 53 | **≤ 80** |
| H18 | **mg** | 118 | **≤ 1000** |

1) The specular gloss shall be ≤ 30 % for mat surfaces and ≤ 45 % for lacquered surfaces

a) Reference: 903 5186 46 dated 01.04.2026, MPA Stuttgart

## 5. Evaluation

The evaluation is based on the requirements of DIN EN 14904:2006.

The foil examined met all requirements tested.

**END OF THE TEST REPORT**

The test results were specified and evaluated without considering the measurement uncertainty.



The test results relate only to the tested samples in the condition as they were received.

This test report was created and released digitally. Effectiveness and validity are equivalent to digital and analogue reports.

Münster, 08.04.2026

Paul Dück
TECHNISCHER LEITER