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## TECHNICAL REPORT

KERNOW COATINGS LTD KERNICK ROAD PENRYN Cornwall TR10 9DQ United Kingdom	SATRA reference:	FLO2026409	
		2528	1
	Report ID/Issue number:	53688/1	
	Your reference:		
	Date samples received:	09/07/2025	
	Date(s) work carried out:	09/07/2025 to 16/07/2025	
	Date of report:	18/07/2025	

### Testing Requirements

Testing of one product described by the customer as "KernowJet EventShark" to  
EN 16165:2021 Annex C using slider 96.  
Assessed in accordance with the ≠ UKSRG Guidelines Issue 6:2024

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**Report Signed by:**

Reece Johnson

  
**Report Signatory**

**TESTING OF ONE PRODUCT DESCRIBED BY THE CUSTOMER AS  
"KERNOWJET EVENTSHARK" TO EN 16165:2021 ANNEX C - USING SLIDER 96.  
ASSESSED IN ACCORDANCE WITH THE ≠ UKSRG GUIDELINES ISSUE 6:2024.**

As requested by Kernow Coatings Limited, SATRA has conducted an assessment of the slip resistance of a sample of flooring as detailed below.

**CONCLUSION**

The product referenced "KernowJet EventShark" has demonstrated a low slip potential under wet test conditions in the worst performing direction tested and a low slip potential under dry test conditions in the worst performing direction tested, when tested to EN 16165:2021 Annex C and assessed in accordance with the ≠ UK Slip Resistance Group guidelines, Issue 6:2024.

**SAMPLE SUBMITTED**

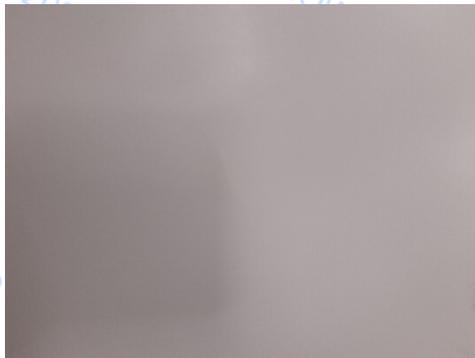
Sample reference:

"KernowJet EventShark" <sup>(1)</sup>

Description of surface:

"Textured white print receptive PP film, with an optimised pressure sensitive adhesive for both floor and wall graphic, short term, applications" <sup>(1)</sup>

Appearance:



Date conditioning started: 09 July 2025  
Testing completed: 16 July 2025  
Testing conducted by: Imogen Sheppard

**TESTS CARRIED OUT**

- EN 16165:2021. Determination of slip resistance of pedestrian surfaces – Methods of evaluation - Annex C. Pendulum Test <sup>(2,3,4)</sup>

**Note(s):**

- (1) Information supplied by the customer. Not verified by SATRA.
- (2) The samples were conditioned, and testing was conducted at  $(23 \pm 2) ^\circ\text{C}$  and  $(50 \pm 5) \% \text{RH}$ . Surface temperature measured prior to testing was  $22.5 ^\circ\text{C}$ .
- (3) Results have been assessed in accordance with the ≠ UK Slip Resistance Group Guidelines – Issue 6:2024.
- (4) The median value is calculated over the final five measurements from a set of eight measurements.

## VERIFICATION

Before testing commenced a verification of the pendulum tester was conducted as per EN 16165:2021 Annex C;

### Verification as per EN 16165:2021 Annex C (16/07/2025)

Verification Readings		1	2	3	4	5	6	7	8	Median <sup>(4)</sup>
Glass Plate (PVS-1)	WET	7	6	6	6	6	6	6	7	6
Pavigres Tile (PVS-2)		35	35	34	34	34	34	34	34	34
Pink Lapping Film (PVS-3)		64	64	64	63	64	64	62	62	63

### Verification requirements from EN 16165:2021 Annex C

Verification Surface	Assigned value of verification surface (PTV in wet conditions)	Acceptance criteria for verification surface and measured value (PTV in wet conditions) slider 96
Float Glass Plate	8	± 2
Pavigres Tile	36	± 2
Pink Lapping Film	63	± 3

## RESULTS

Table 1. EN 16165:2021 Annex C – Pendulum Test. (Using Slider 96)

Sample	Condition	Median <sup>(4)</sup> slip measurement (PTV <sub>96</sub> )		
		Direction of Test		
		A	B	C
"KernowJet EventShark"	Dry	64	65	66
	Wet (water)	49	52	54

### Direction of Test



The following table contains the classification guidelines as recommended by the ≠ UK Slip Resistance Group Issue 6:2024.

Table 2. Guidelines for slip potential classifications for PTV, as stated in the ≠ UK Slip Resistance Group Guidelines Issue 6:2024.

Slip potential	PTV
High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36+

*'In any complaint involving slip, the floor surface, the footwear and other environmental factors will all have an important bearing on slip resistance. It will be impossible to make either footwear or floorings slip resistant under all conditions which may be encountered in wear'.*

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## Conditions of Use

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### Confidentiality and Dissemination

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SATRA test reports may be forwarded to other parties if they are not changed in any way and are not marked as confidential. Test reports must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

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### Liability

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Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

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### Accreditation

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Tests marked ¥ are performed under SATRA's Flexible UKAS Schedule.

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### Uncertainty of Measurement and Decision Rules

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Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor  $k=2$ , which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

SATRA's guidelines provide recommendations that are based upon SATRA's knowledge and experience. The guidelines are intended to indicate conformance by providing information on the likely performance or characteristics of a property. As such, uncertainty of measurement is not applied when evaluating results against guideline recommendations.

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