

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate D-PL-20181-01-02 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 30.10.2023

**Date of issue:** 30.10.2023

This annex is a part of the accreditation certificate D-PL-20181-01-00.

Holder of partial accreditation certificate:

**ISP GmbH**  
**Amelunxenstraße 65, 48167 Münster**

with the location

**ISP GmbH**  
**Amelunxenstraße 65, 48167 Münster**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the general with the principles of DIN EN ISO 9001.

**Strength tests, mechanical, analytical, physical and climatic/chemical investigations and tests on and of sports halls, sports hall floors, synthetic surfaces, synthetic turf surfaces and playground surfaces;**

**Tests on playground equipment and aggregates**

*This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.*

**Annex to the Partial Accreditation Certificate D-PL-20181-01-02**

**The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.**

**The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.**

**1 Determination of optical material properties**

DIN EN ISO 2813 2015-02                      Paints and varnishes - Determination of gloss value at 20°, 60° and 85°

DIN EN 20105-A02 1994-10                      Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour

**2 Determination of density of plastics**

DIN EN ISO 1183-1 2019-09                      Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method and titration method  
*(here: Method B only - method with liquid pycnometer, for particles, powder, flakes, granules or comminuted finished parts)*

DIN EN ISO 60 2000-01                      Plastics – Determination of apparent density of material that can be poured from a specified funnel (bulk density)

ISP-H/V-001 2022-08                      Determination of the bending properties of test bars by means of a three-point bending test

**3 Strength tests**

DIN 53504 2017-03                      Testing of rubber – Determination of tensile strength at break, tensile stress at yield, elongation at break and stress values in a tensile test

DIN EN ISO 1798 2008-04                      Flexible cellular polymeric materials - Determination of tensile strength and elongation at break

**4 Determination of the abrasion resistance**

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DIN EN ISO 5470-1 Rubber- or plastics-coated fabrics - Determination of abrasion  
2017-04 resistance - Part 1: Taber abrader

**5 Determination of moisture content of granulated cork**

ISO 2190 Granulated cork — Determination of moisture content  
2016-10

**6 Tests on pitch equipment**

DIN EN 748 Playing field equipment – Football goals – Functional and safety  
2018-04 requirements, test methods  
(here: *only chapter 5 with strength and stability tests*)

DIN EN 749 Playing field equipment – Handball goals - Functional and safety  
2006-01 requirements, test methods  
(here: *only chapter 5 with strength and stability tests*)

DIN EN 750 Playing field equipment – Hockey goals – Functional and safety  
2006-01 requirements, test methods  
(here: *only chapter 5 with strength and stability tests*)

DIN EN 1270 Playing field equipment – Basketball equipment – Functional and safety  
2008-10 requirements, test methods  
(here: *only chapter 5 with strength and stability tests*)

DIN EN 1271 Playing field equipment – Volleyball equipment – Functional and safety  
2015-01 requirements, test methods  
(here: *only chapter 5 only with testing of posts, tensioning devices, rope and rope fastening devices.*)

DIN EN 1509 Playing field equipment – Badminton equipment – Functional and safety  
2009-02 requirements, test methods

DIN EN 1510 Playing field equipment – Tennis equipment – Functional and safety  
2004-12 requirements, test methods

**Abbreviations used:**

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
ISP - H/V	Institut für Sportstättenprüfung, In house method of the testing laboratory

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