



Staatssekretariat für
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ISO 17025 STS 411



Conica AG
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June 08, 2020

T E S T R E P O R T

IST Reference: 9163A/TH/GL

Subject: Synthetic Sports Surfacing for Playgrounds
Product Compatibility Test acc. to EN 14877:2013
“Synthetic surfaces for outdoor sports areas – Specification”

Description of Sample

| | |
|-----------------|--|
| Name of product | CONIPUR SplashP (water permeable) |
| Description | Synthetic surface single layer with flat bedded granules, with top coat (Surface Type C, Table A.1) 12 mm EPDM Granules 1-3.5 mm, PUR bound |
| IST Sample No. | 8655 |

Delivery of Samples

| | |
|-----------------|-------------------------|
| Date | March 27, 2020 |
| Amount and Size | 4 Sections 50 x 50 cm |
| Submitted by | Conica AG, Schaffhausen |

The test results relate to the tested samples only.

This report consists of 3 pages.

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Acc. SN EN ISO 17025:2018 accredited by Swiss Accreditation Authority (SAS), a department of Swiss Federal Ministry of Commerce (SECO). The accreditation is valid for the test procedures listed in the Accreditation Certificate (STS411).

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Akkreditiert gemäss ISO 17025 für:
DIN 18032-2; 18035-6m 18035-7;
EN 14904+14877+15330, IAAF; FIFA

Acknowledged Test Lab; Validation see certificate:



Test Procedures

The tests were performed according to the various EN standards mentioned in EN 14877. The procedures which are accredited according to ISO 17025:2005 (STS 411) are marked with ●. Test Results ammended from different Test Reports are marked with* (if any)

Test Results

In the table below the average values of the test results are tabulated opposed to the requirements of EN 14877:2013.

Table 1 Average Test Results and Requirements of EN 14877:2013

| Test Procedures | Test Results | | Requirements EN 14877:2013 Light Athletic |
|--|----------------|---------------|---|
| | average values | Range | |
| Thickness (total)● [mm] | 12.0 | 11.9 / 12.2 | ≥ 10 |
| EN 1969 Thickness (absolut) [mm] | 12.0 | 11.9 / 12.2 | |
| Waterpermeability● [mm/h] EN 12616 | 3979 | 3978 / 4045 | ≥ 150 |
| Resistance to Wear ISO 5470-1 RW [g] | 0.818 | 0.817 / 0.819 | ≤ 4 |
| Tensile Properties● EN 12230 Tensile Strength [N/mm ²] | 0.63 | 0.62 / 0.64 | ≥ 0.4 |
| Elongation @ Break [%] | 57 | 54 / 60 | ≥ 40 |

Evaluation

The synthetic surface “**CONIPUR SplashP**” tested met the properties of EN 14877 as listed in table 2:

Table 2: Properties met

| Property | Paragraph EN 14877 Table 1 Light Athletic | Additional Information |
|--------------------|---|------------------------|
| Thickness (total) | Line 1.2.6 | ---- |
| Water Permeability | Line 1.2.1 | ---- |
| Resistance to Wear | Line 1.2.2 | ---- |
| Tensile Properties | Line 1.2.4 | ---- |



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