

## **FRCAT**

# CENTRE FOR TEXTILE SCIENCE AND ENGINEERING DEPARTMENT OF MATERIALS, TEXTILES AND CHEMICAL ENGINEERING

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# **TEST REPORT 21-0119-02**

Correction of test report 21-0119-01 from 2/02/2021

## Samples received

Name	Date of receipt
T2103091	11/02/2021
T2103092	
T2103093	
T2103094	
T2103095	

## Aim of the test

Determination of the slip resistance

## **Test conditions**

#### Slip resistance- wood flooring-pendulum

Standard: CEN TS 15676:2007

Method: A sliding block covered with the standard rubber is fitted on a pendulum.

After releasing the pendulum from its horizontal position, the loss of energy due to the sliding over the test surface is measured by registering the reduction of the

pendulum on a scale from 0 to 150.

USRV=0: no friction

USRV=150: highest friction

Number of tests: 10 dry and 10 wet tests

The tests were finished in week 9/2021

## **OBTAINED RESULTS**

## T2103091

dry		wet	
repetition	USRV	repetition	USRV
1	74	1	53
2	72	2	50
3	60	3	51
4	70	4	46
5	68	5	47
6	65	6	47
7	68	7	45
8	68	8	43
9	68	9	47
10	70	10	50
average:	68.3	average:	47.9

### T2103092

2103092				
	dry		wet	
repetition	USRV	repetition	USRV	
1	80	1	40	
2	83	2	40	
3	83	3	38	
4	83	4	38	
5	83	5	40	
6	86	6	37	
7	83	7	40	
8	90	8	38	
9	90	9	40	
10	90	10	37	
average:	85.1	average:	38.8	

## T2103093

dry		wet	
repetition	USRV	repetition	USRV
1	85	1	40
2	77	2	40
3	92	3	38
4	85	4	40
5	86	5	41
6	74	6	38
7	82	7	40
8	86	8	38
9	86	9	38
10	91	10	38
average:	84.4	average:	39.1

## T2103094

12100034			
dry		wet	
repetition	USRV	repetition	USRV
1	78	1	40
2	81	2	38
3	83	3	36
4	84	4	38
5	83	5	35
6	77	6	36
7	82	7	38
8	83	8	36
9	83	9	40
10	82	10	40
average:	81.6	average:	37.7

## T2103095

dry		wet	
repetition	USRV	repetition	USRV
1	72	1	56
2	73	2	53
3	73	3	52
4	73	4	52
5	73	5	52
6	76	6	53
7	78	7	55
8	79	8	54
9	78	9	53
10	78	10	52
average:	75.3	average:	53.2

Stijn Rambour Head of Chemical and Artificial Turf Tests