



Test report
8016F2023

SALT SPRAY TEST (Neutral Salt Spray Chamber)

Costumer: IRONLEV ONE s.r.l.
Via Galvani, 6/A
31027 – SPRESIANO(TV)

Sample description: n.8015F2023 – IRONLEV SLIDER WD SLIM

Date of receiving: 26/10/2023

Chimico,
dr. Elena Serena

STANDARD: **UNI EN ISO 9227/17 NSS**

Equipment: pHmeter
Analytical balance
Technical balance
Termometer
Salt spray chamber

Duration of test: see table 2

1. TEST CONDITIONS

SAMPLE PREPARATION: Clean surface with water, at room temperature;

SOLUTION: 5% w/w NaCl;

DURATION OF THE TEST: 1000 hours;

ORIENTATION OF THE EXPOSED SURFACE: 30° inclined support

2. EQUIPMENT CONDITIONS

DESCRIPTION	VALUE
Time	0-1000
Temperature of the chambre	35°C
Temperature humidifier r	48°C
Pression	1,2 atm
pH Pluviometer solution	6.7
Pluviometric costant [ml/h] 250 hours	1,1 pH 7.1
Density	1.030
Concentration	48 g/l NaCl pH 6.5
Master standard : PH 6,5 density. 1030 gr/lt Concentration 46 g/l NaCl	
Master standard after 250 hours : Pluviometer 1 : Flow 1,2 ml/h ; Ph 7,1	
Master standard after 500 hours : Pluviometer 1: Flow 1,1 ml/h ; Ph 7,1	
Master standard after 1000 hours : Pluviometer 1 : Flow 1,2 ml/h ; Ph 7,0	
Test date	from 6 november to 18 december 2023

3. TEST RESULTS

SAMPLE	DESCRIPTION	note	RESULT AT 1000 H
8016F2023	IRONLEV SLIDER WD SLIM	After 500 hours appeared first pits (rust) between the seat of the shoe and the rivet fixing wheel. At the end of the 100 the area affected by rust has increased but is still less than 0.1% of the total area of the specimen. at the magnets there are no corrosive phenomena	Rp =9

where RA (UNI EN ISO 9227/12 NSS)

Table 1 — Protection (R_p) and appearance (R_A) ratings

Area of defects A (%)	Rating R_p or R_A
No defects	10
$0 < A \leq 0,1$	9
$0,1 < A \leq 0,25$	8
$0,25 < A \leq 0,5$	7
$0,5 < A \leq 1,0$	6
$1,0 < A \leq 2,5$	5
$2,5 < A \leq 5,0$	4
$5,0 < A \leq 10$	3
$10 < A \leq 25$	2
$25 < A \leq 50$	1
$50 < A$	0

Villorba, 11/01/2024

Annex 1: pictures

	250 h
 	
	500 h





1000 h