

1. OGGETTO DEL TEST REPORT / ITEM UNDER TEST REPORT

Descrizione <i>Description</i>	Steel Mirror for Outdoor use
Modello <i>Model type</i>	Stainless Steel 600mm
Identificativo interno <i>Storage No.</i>	160124


Richiedente <i>Applicant</i>	Steel Crafts Europa S.r.l. Manufacturer: EVER-GROW ADVANCED MATERIALS SDN BHD
--	--

Prove effettuate presso <i>Test carried out by</i>	TÜV Rheinland Italia Srl Via E. Mattei, 3 – 20010 Pogliano Milanese (Italy)
Norme di riferimento <i>Reference Standards</i>	IEC 60068-2-11:1999
Scopo delle prove <i>Scope of the tests</i>	<i>Environmental testing:</i> Part 2-11: Tests – Test Ka: Salt mist
Verdetto di prova <i>Test Verdict</i>	PASS

Data ricevimento campioni <i>Date of samples receiving</i>	18/03/2016		
Data inizio prove <i>Date of tests start</i>	01/04/2016	Data fine prove <i>Date of tests end</i>	01/04/2016
Rapporto composto da <i>Test report composed by</i>		4 Pages	

Provato da / Tested by
Federico Reginato

Approvato da / Approved by
Giovanni Molteni


(Laboratory Technician)


(Technical & Laboratory Manager)

The results referred in this report are only relevant to the samples tested and described in this report.
Only complete reproduction of this test report is permitted without written authorisation of TÜV Rheinland Italia

2. OGGETTO SOTTOPOSTO A PROVE / ITEM UNDER TEST

Descrizione

Description

Steel Mirror for Outdoor use

Marca

Brand

Steel Crafts Europa S.r.l.

Manufacturer: EVER-GROW ADVANCED MATERIALS SDN BHD

Modello

Model / Type reference

600mm Stainless Steel

Dati Tecnici Aggiuntivi

Additional technical data

Stainless Steel - Plastic

3. NORME DI RIFERIMENTO / REFERENCE STANDARDS

Reference Document		Title of Document
IEC 60068-1	2013	<i>Environmental testing - Part 1: General and guidance</i>
IEC 60068-2-11	2009	<i>Environmental testing - Part 2-11: Tests – Test Ka: Salt mist</i>

(C) Steel Crafts Europa S.r.l. - Do Not Copy or Distribute

4. DOCUMENTAZIONE FOTOGRAFICA* / PHOTOGRAPHIC DOCUMENTATION*



FIG.1 – Label



FIG.2 – External Protection



FIG.3 – Back Side Mount



FIG.4 – Front Side

*Pictures of the product after test

Test	Salt mist
Reference standard	EN 60068
List of reference equipment	<ul style="list-style-type: none"> ➤ Salt Spray Chamber (Inv. 87020197) ➤ Datalogger Agilent mod. 34970A (Inv. 87020341) ➤ Thermocouples (Inv. 87020682)
Number of samples under test	1 Stainless Steel Mirror

Test Conditions	Required	Measured
Ambient Temperature	(15 ÷ 35) °C	(21 ± 2) °C
Ambient Relative Humidity	(25 ÷ 75) %rH	(46 ± 10) %rH
Test Setup	IEC 60068-2-11 Part 2: Tests - Test Ka: Salt mist pH value of the solution 7.0, at a temperature of 35 °C. The salt solution concentration shall be 5 ± 1% by weight.	
Test Procedure	IEC 60068-2-11 Part 2: Tests - Test Ka: Salt mist <i>The temperature of the test chamber shall be maintained at 35 ± 2 °C. Duration of the test: 240 h</i>	
Acceptance Criteria	No red rust spots must be detected.	

(C) Steel Crafts Europa s.r.l. - Do Not Copy or Distribute