

## 114351 Test report for IKEA and IKEA suppliers

This report is valid no more than one year from report date. To comply with IOS-MAT-0066, the supplier shall have the test renewed within one year.

<b>IKEA supplier name and number</b>	SAZ SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ SPÓŁKA KOMANDYTOWA
<b>Address, Postal code, city/country and VAT no</b>	Ul. Galicyjska 5, 32-040 Rzeszotary, Poland VAT: 9442252826
<b>Invoice company, address and VAT no (if other than above)</b>	-
<b>Receiver of order confirmation and test report (name, mail, phone)</b>	Katarzyna Lisowska, <a href="mailto:badania@saz.pl">badania@saz.pl</a> , +48 511 402 161
<b>Reference person and mail for invoice (if other than above)</b>	-
<b>Article/fitting number and name</b>	BLACK powder coated metal plate Production date or date stamp: 18.02.2019
<b>Amount of samples to be tested (1 or 5)</b>	1
<b>Type of substrate/base material</b>	Steel DC01
<b>Type of surface coating</b>	Black powder paint, epoxy-polyester, lot no 892P015448
<b>Surface coating producer, surface coating batch number, trade name and identification code.</b>	Inver, RAL 9005, EP210809SMRT.90
<b>Name of producer applying the coating and application system</b>	-
<b>How, where and when were the sample taken?</b>	Samples were taken randomly from the production line
<b>Minimum coating thickness (µm)</b>	50
<b>Choice of Test method (Final surface / top coat)</b>	<input checked="" type="checkbox"/> <b>Gauge meter and Dip test (ED-, liquid- and powder coating)</b> (Test standards: ISO 2808:1997 and ISO EN 8442-2, Annex C:1997)
<b>Version of IOS-MAT-0066 standard</b>	11
<b>Service Condition (1, 3 or 5)</b>	1
<b>Significant surface and other requirements</b>	If no significant surface is stated the part(s) will be evaluated according to standard.
<b>Other information for the report:</b>	-

IKEA will be given access to all test results. Complete test data are available at Proton Technology AB. Test methods and standards accredited according to ISO/IEC 17025 are: corrosion tests NSS (ISO 9227), AASS (ISO 9227) and Dip test (ISO EN 8442-2, Annex C:1997). Non accredited methods are: coating thickness test by XRF (ISO 3497:2000) and Gauge meter test (ISO 2808:1997) as well as roughness test (ISO 4288:1996). Evaluation according to ISO 10289:1999 is not accredited.

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The laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2005.  
Certified according to ISO 9001:2015 and ISO 14001:2015; Lloyd certificate no 10009100

Sample(s) arrived:	2019-02-25	
Sample(s) were named by Proton Technology:	1	
Test report version:	1	
Surface test tool id:	MV64 Gauge meter	
Corrosion cabinet id:	MV30 Dip test	
Test conditions:	<b>DIP:</b> For the solution only highly refined vacuum salt (NaCl), containing less than 0.001 % Cu and Ni, was used which was dissolved in de-ionized water. Data gathered in the process is sampled at Proton Technology AB.	
Temperature:	60.0 ± 2°C	
Concentration of salt:	1% NaCl (10 g/l ± 0.5 g/l)	
Start date of test:	2019-02-28	
Objects passed:	Yes	
Report date:	2019-03-07	
Report issued by: (name, phone no., email)	Stefan Waltersson, +46(0)36-37 38 59 stefan.waltersson@proton.se	SW
Approved by: (name, phone no., email)	Giorgeta Sava, +46(0)36-37 38 54 giorgeta.sava@proton.se	GS

The results are only valid for the tested objects with this specific test number 114351 Test report for IKEA and IKEA suppliers.

### Coating thickness measurement

The accuracy of the measuring equipment is ±10%. A deviation from the specified value within this range is always acceptable.

Minimum coating thickness requirement:	50 µm
Requirement fulfilled:	Yes

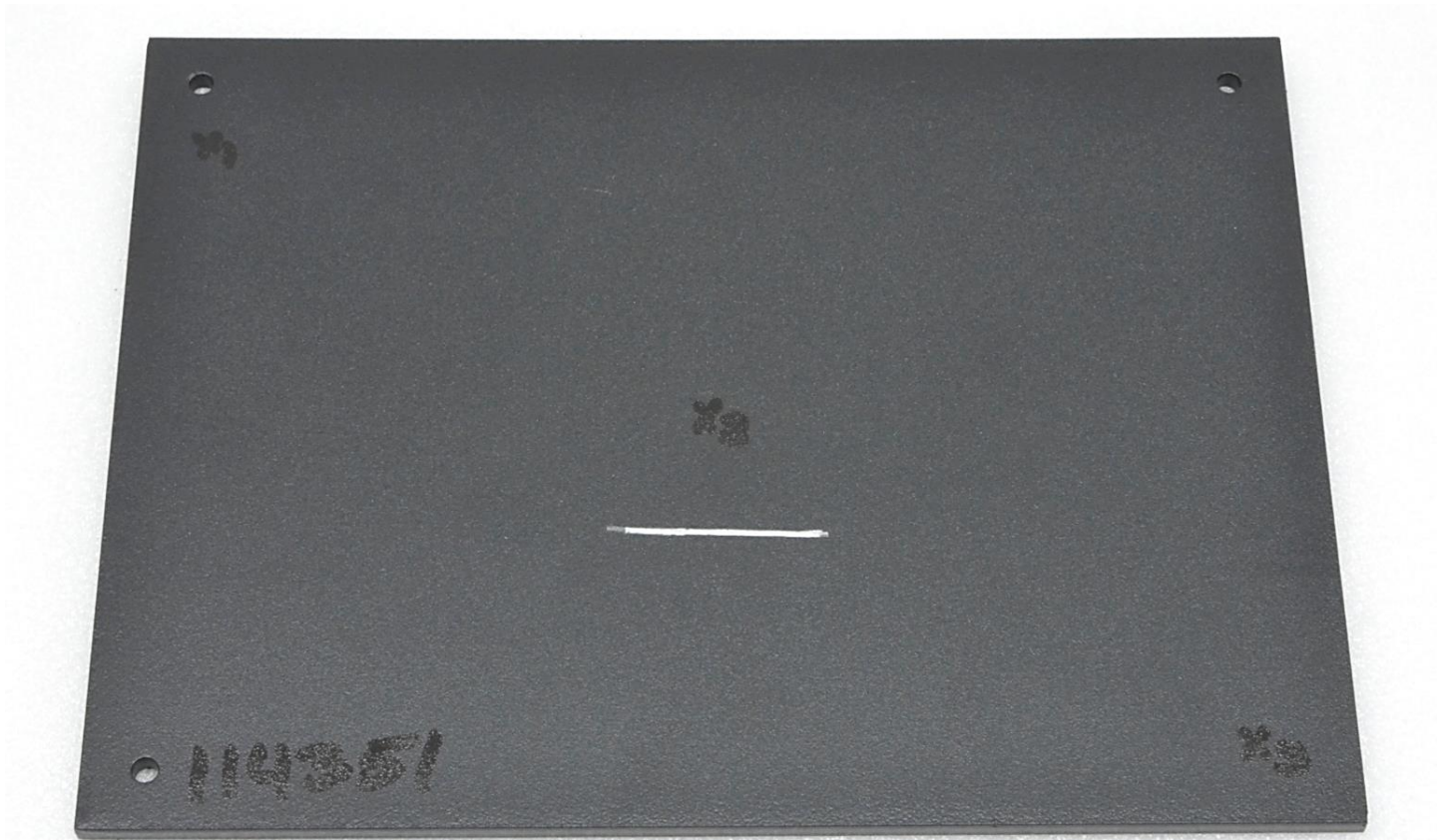
The results from the coating thickness measurements are presented below.

Object or Area	Thickness (µm)	Performed by
1	72	SW
2	52	SW
3	83	SW

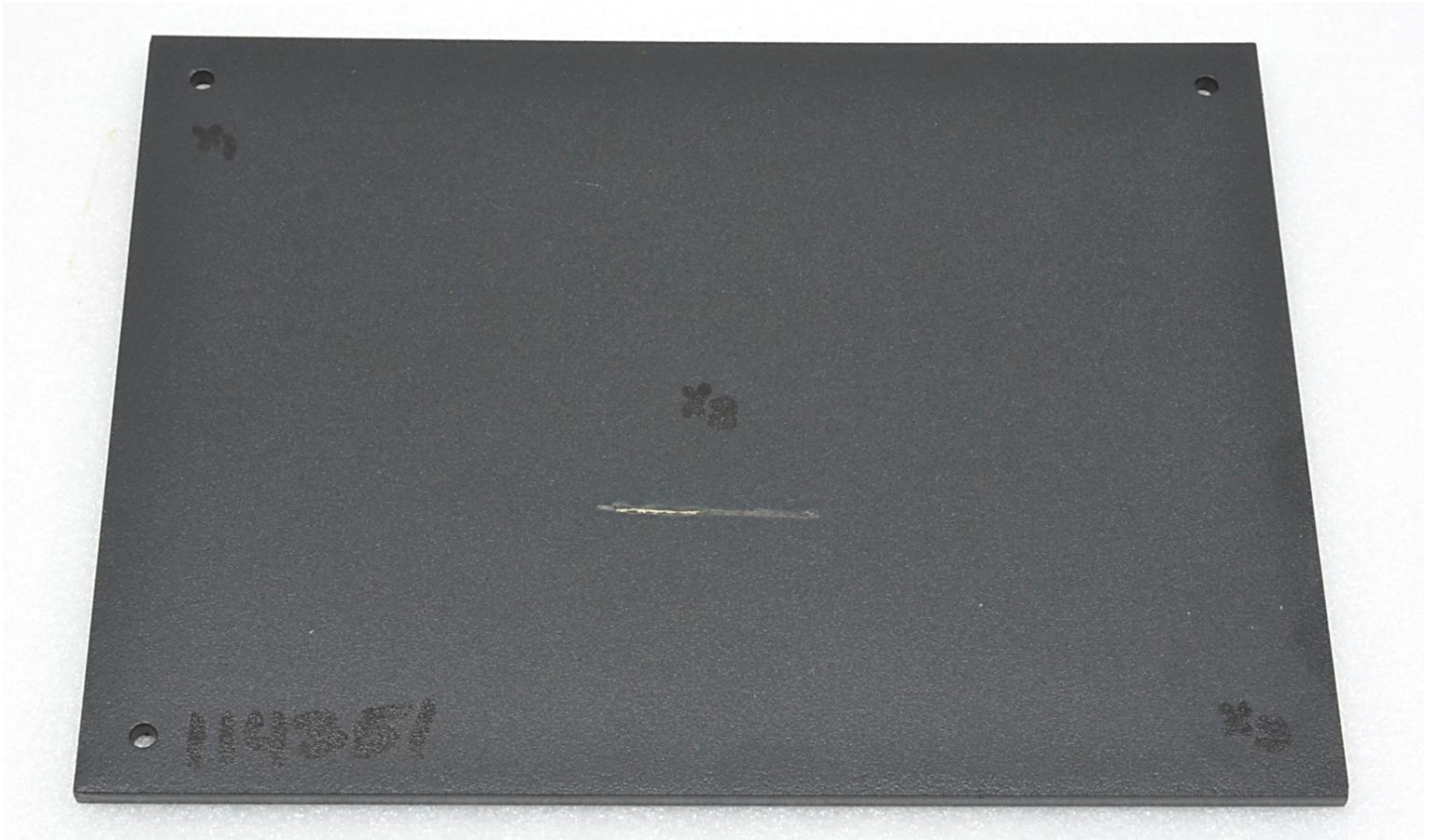
### Corrosion test

Test duration	1 h	
Requirements	<b>For DIP tested objects on coated and scratched surface</b> No corrosion or oxidation allowed according to IOS-MAT-0066. <i>Service condition 1:</i> No spread of corrosion allowed according to IOS-MAT-0066	
Test result	No corrosion or oxidation was found. No spread of corrosion on scratched area was found.	<b>Performed by:</b> SW
Requirement fulfilled	Yes	

Pictures



**Picture 1.** The object(s) before the corrosion test was started. The markings indicate the areas where the coating thickness measurements were made.



**Picture 2.** The object(s) when the corrosion test was finished.