

**Technical Definition**

## Salt spray – Corrosion - Aluminium panels

You shall respect the HSE policy of your laboratory for each performed test.

**Instructions to participant laboratories****Please read these instructions carefully BEFORE starting the tests.**

1. 4 specimens (80 x 125 x 1 mm) are supplied to each participant – all specimens need to be tested.  
In case of :
  - loss or deterioration of PTP sample(s) please contact your sponsor for replacement kit.
  - exclusion of a test specimen results by yourself, you shall provide a short root cause analysis.
2. No additional machining of specimens is required
3. Each participant is required to determine the corrosion of each specimen as indicated below:

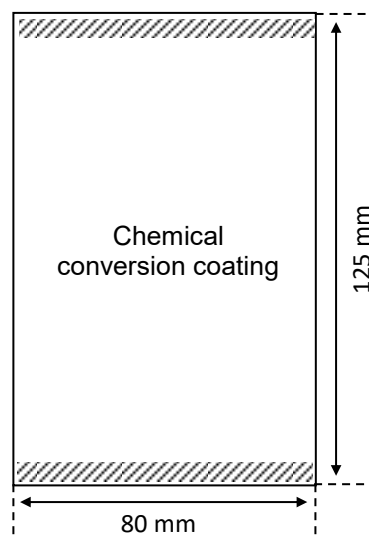
**Salt spray test**

Salt spray test shall be performed in accordance with **ISO 9227 (2017)** with a **168 hours** maximum exposure. After 168 hours, specific observations shall be done and shall be mentioned on the reporting sheet. Moreover in this reporting sheet, you will indicate the corrosion localisation and the observed pits number.

According to the number of pits :

- if the number of pits is inferior to 50, precise the number of pits
- if the number of pits is superior to 50 pits, indicate the specimen impacted surface percentage.

The fog parameters and corrosion check shall be registered in accordance with your process.

**Definition of test specimens**



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4. The following information is to be reported:

Characteristic	Unit	Significant digits	Mandatory / Not mandatory	Evaluated Yes/no
Specimen ID	N/A	N/A	Mandatory	No
Observed number of pits after 168 hours (if number of pits < 50)	pits	XX	At least one result per specimen shall be submitted	Yes
Impacted surface after 168 hours (if number of pits > 50)	%	XX		Yes
Picture of the 4 specimens after salt spray test	-	-	Mandatory	Yes

All evaluated characteristics will be compared to expected results.

5. Testing shall start **as soon as test specimens are received**. Please contact the following e-mail address for any technical or administrative query.

<b>Submission date :</b>	<b>June 15<sup>th</sup>, 2018</b>
<b>Technical and administrative support :</b>	<a href="mailto:info@ptpscheme.com">info@ptpscheme.com</a>

6. Instructions for submission of results are detailed on the website:

<https://ptpscheme.com>

7. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.

8. Collusion and falsification of your PTP results are totally forbidden. In case of identification or suspicion of collusion or falsification, the laboratory will be excluded from the program and the sponsors will be immediately informed. The sponsors could ask you proofs of your records and analyses, so be sure to conserve data, curves and specimens.

9. The tested specimens do not need to be sent back to PTP.

#### REVISION HISTORY

Issue Date	Issue N°	Changes
02/01/2018	1	Document creation
23/03/2018	2	Modification of the paragraph 4 and submission date