

**CORROSION EDUCATION**  
**Consulting Division**

**Report No 848-001.**

**AFRISUN**

**Calcium Sulphonate Paint**

**Salt Spray Test**

1500 hours

**Results**

10/04/2013

by

**C H HAVEMANN**

## CORROSION EDUCATION

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**Project Number** : 848  
**Report Number** : 001  
**Client** : Afrisun  
**Testing Laboratory** : Metlab Germiston  
(SANAS approved)

## Table of Contents

1. Introduction.....	4
2. Test Method .....	4
3. Results.....	4
4. Photograph.....	4
5. Discussion of results .....	5
6. Conclusion .....	5

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## 1. Introduction

Corrosion Education were requested by Afrisun to carry out Salt Spray Exposure Tests on Calcium Sulphonate Based coating.

## 2. Test Method

- a. In accordance with ASTM B117
- b. Panel Preparation: The test panels were prepared and coated by Afrisun.

## 3. Results

- a. The coating showed no defects after 1500h salt fog exposure.[see 4 below]
- b. A cross cut scribe was made through the coating down to the metal substrate and no under-film creep occurred at this scribe mark during the test period.

## 4. Photograph



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### 5. Discussion of Results

The results showed excellent corrosion protection for the period tested [1500h]. As a rule of thumb 1000h salt spray exposure test = of the order of 3 years marine exposure.

### 6. Conclusion

The results show that the Calcium Sulphonate paint has excellent corrosion protection properties.

Signed:



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