

**PAINTS AND SIMILAR PREPARATIONS  
COMPATIBILITY  
RECIPROCAL SPLASHING TEST**

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**NO USE RESTRICTION***This is a translation, the French original shall be used in all cases of litigation**Date of translation : 27/10/2003***FOREWORD**

*This document is in technical conformity with RNUR test method No. 1304.  
It must not be modified without prior consultation with RNUR.*

**1. OBJECT AND FIELD OF APPLICATION**

The object of this test method is to describe the procedure for determining the compatibility between the test product and the product used on the production line.

**2. PRINCIPLE**

The product under test is splashed onto the product used on the production line, previously applied to a substrate and vice-versa. The various defects created are assessed.

**3. EQUIPMENT**

- Ventilated oven adjustable from 20°C to 250°C
- Application equipment as described in test method D55 1172.
- Metal sheets of minimum dimensions 120 x 200 mm gun sprayed with a primer.

**4. PREPARATION OF SAMPLES**

Dilute the products to the specified consistency with suitable solvent or solvents (test method D55 1016).

**5. METHOD OF OPERATION**

- Apply the paint used on the production line to the sheet to which a primer has been applied.
- Leave to dry for three minutes in the air with no blowing.
- For two seconds, splash the paint to be tested at a distance of 2 metres, again without blowing.
- Leave to dry for three minutes in the air.
- Stove if necessary (Test method D55 1171).

Carry out the same test replacing the paint used on the production line with the paint under test and splashing the paint used on the production line.

**6. EXPRESSION OF RESULTS**

The test paint shall be comparable with the paint used on the production line if the splashes cause no defect : craters – rejection – pitting.

**7. TEST REPORT**

In addition to the results obtained and the test conditions, details must be given in the test report of any operating details not specified in the test method as well as any possible incidents which may have affected the results.

## 8. RECORDS AND REFERENCE DOCUMENTS

### 8.1. RECORDS

#### 8.1.1. CREATION

- OR : 01/09/1979 – CREATION OF THE NORME.

#### 8.1.2. SUBJECT OF THE MODIFICATION

- A : 04/03/1997 – INTRODUCED INTO IDEM (*French only*).
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### 8.2. REFERENCE DOCUMENTS

#### 8.2.1. PSA DOCUMENTS

##### 8.2.1.1 Normes

D55 1016, D55 1171, D55 1172.

##### 8.2.1.2. Others

#### 8.2.2. EXTERNAL DOCUMENTS

### 8.3. EQUIVALENT TO :

REN1304

### 8.4. CONFORMS TO :

### 8.5. KEY-WORDS