# DIN EN ISO 20567-3:2013-04 (E)

## Paints and varnishes - Determination of stone-chip resistance of coatings - Part 3: Single-impact test wit h a free-flying impact body (ISO 20567-3:2012)

## Contents

Page


**Foreword** ... **3**

**Introduction** ... **4**

**1 Scope** ... **5**

**2 Normative references** ... **5**

**3 Principle** ... **5**

**4 Apparatus and materials** ... **6**

**5 Calibration** ... **7**

**6 Sampling** ... **7**

**7 Test panels** ... **7**
7.1 Substrate ... 7
7.2 Preparation and coating ... 7
7.3 Thickness of the coating ... 7

**8 Procedure** ... **7**
8.1 Conditioning of the test panels ... 7
8.2 Test conditions ... 7
8.3 Number of test runs ... 7
8.4 Preparation for the test ... 7
8.5 Determination ... 8

**9 Evaluation** ... **8**

**10 Precision** ... **8**
10.1 General ... 8
10.2 Repeatability limit, *r* ... 8
10.3 Reproducibility limit, *R* ... ω

**11 Test report** ... **9**

**Annex A** (informative) **Calibration of the apparatus** ... **10**

**Bibliography** ... **12**