

# DIN EN ISO 20566:2021-06 (E)

## Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO 20566:2020)

---

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| European foreword .....   | 3           |
| Foreword .....  | 4           |
| Introduction .....  | 5           |
| 1 Scope .....   | 6           |
| 2 Normative references .....  | 6           |
| 3 Terms and definitions .....   | 6           |
| 4 Apparatus .....   | 7           |
| 5 Washing suspension .....  | 8           |
| 6 Sampling .....  | 9           |
| 7 Test panels .....   | 9           |
| 8 Procedure .....   | 9           |
| 9 Evaluation .....  | 10          |
| 10 Precision .....  | 10          |
| 10.1 Repeatability limit $r$ .....  | 10          |
| 10.2 Reproducibility limit, $R$ .....   | 10          |
| 11 Test report .....  | 11          |
| Annex A (normative) Verification and calibration of the washing equipment ..... | 12          |