

# DIN EN ISO 2409:2013-06 (E)

## Paints and varnishes - Cross-cut test (ISO 2409:2013)

---

Contents	Page
<b>Foreword .....</b>	<b>3</b>
<b>1 Scope .....</b>	<b>4</b>
<b>2 Normative references .....</b>	<b>4</b>
<b>3 Apparatus .....</b>	<b>5</b>
<b>3.1 General .....</b>	<b>5</b>
<b>3.2 Cutting tool .....</b>	<b>5</b>
<b>3.3 Guiding and spacing edges .....</b>	<b>8</b>
<b>3.4 Viewing lens .....</b>	<b>8</b>
<b>4 Sampling .....</b>	<b>10</b>
<b>5 Test panels .....</b>	<b>10</b>
<b>5.1 Substrate .....</b>	<b>10</b>
<b>5.2 Preparation and coating .....</b>	<b>10</b>
<b>5.3 Drying .....</b>	<b>10</b>
<b>5.4 Thickness of coating .....</b>	<b>10</b>
<b>6 Procedure .....</b>	<b>10</b>
<b>6.1 General .....</b>	<b>10</b>
<b>6.2 Cutting the coating using the manual procedure .....</b>	<b>11</b>
<b>6.3 Cutting the coating using a motor-driven tool .....</b>	<b>12</b>
<b>7 Evaluation and expression of results .....</b>	<b>12</b>
<b>8 Designation of the test result .....</b>	<b>12</b>
<b>9 Precision .....</b>	<b>13</b>
<b>9.1 Repeatability limit, r .....</b>	<b>13</b>
<b>9.2 Reproducibility limit, R .....</b>	<b>13</b>
<b>10 Test report .....</b>	<b>13</b>
<b>Annex A (informative) Examples of suitable procedures for removing loose paint .....</b>	<b>15</b>
<b>Bibliography .....</b>	<b>17</b>