

# DIN EN 12487:2007-07 (E)

## Corrosion protection of metals - Rinsed and non-rinsed chromate conversion coatings on aluminium and aluminium alloys

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b> <b>Scope .....</b>		<b>4</b>
<b>2</b> <b>Normative references .....</b>		<b>4</b>
<b>3</b> <b>Information to be supplied by the purchaser .....</b>		<b>5</b>
<b>4</b> <b>Coating types and designation .....</b>		<b>5</b>
4.1 <b>Coating types .....</b>		<b>5</b>
4.2 <b>Conversion coating designation .....</b>		<b>6</b>
<b>5</b> <b>Sampling .....</b>		<b>6</b>
<b>6</b> <b>Coating requirements .....</b>		<b>7</b>
6.1 <b>General .....</b>		<b>7</b>
6.2 <b>Electrical insulation .....</b>		<b>7</b>
6.3 <b>Adhesion .....</b>		<b>7</b>
6.4 <b>Coating mass per unit area .....</b>		<b>7</b>
6.5 <b>Coating identification .....</b>		<b>7</b>
6.6 <b>Corrosion resistance .....</b>		<b>8</b>
<b>Annex A (informative) Process systems .....</b>		<b>9</b>
<b>Annex B (normative) After-treatments .....</b>		<b>12</b>
<b>Annex C (normative) Analytical methods for the determination of the coating mass and for the identification of chromium, phosphorus and zinc .....</b>		<b>13</b>
<b>Annex D (normative) Testing of the layer composition .....</b>		<b>14</b>
<b>Bibliography .....</b>		<b>16</b>