

# DIN EN ISO 17463:2022-05 (E)

## Paints and varnishes - Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique (ISO 17463:2022)

<b>Contents</b>		<b>Page</b>
<b>European foreword</b>	.....	<b>3</b>
<b>Foreword</b>	.....	<b>4</b>
<b>Introduction</b>	.....	<b>5</b>
<b>1 Scope</b>	.....	<b>6</b>
<b>2 Normative references</b>	.....	<b>6</b>
<b>3 Terms and definitions</b>	.....	<b>6</b>
<b>4 Principle</b>	.....	<b>7</b>
4.1 General	.....	7
4.2 EIS measurement	.....	7
4.3 Cathodic polarization	.....	8
4.4 Potential relaxation	.....	8
<b>5 Apparatus</b>	.....	<b>8</b>
<b>6 Specimens</b>	.....	<b>8</b>
6.1 Samples preparation	.....	8
6.2 Environmental control	.....	8
6.3 Number of specimens and repeatability of results	.....	8
<b>7 Procedure</b>	.....	<b>9</b>
7.1 EIS measurement	.....	9
7.2 Cathodic polarization	.....	9
7.3 Relaxation process	.....	9
7.4 Number of cycles	.....	9
<b>8 Data presentation</b>	.....	<b>9</b>
8.1 Graphics for EIS	.....	9
8.2 Graphics for the potential relaxation	.....	10
<b>9 Precision</b>	.....	<b>10</b>
<b>10 Test report</b>	.....	<b>10</b>
<b>Annex A (informative) Typical example of results from coatings</b>	.....	<b>12</b>
<b>Bibliography</b>	.....	<b>19</b>