

# DIN EN 17680:2023-12 (E)

## Sustainability of construction works - Evaluation of the potential for sustainable refurbishment of buildings

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>6</b>
<b>2</b>	<b>Normative references .....</b>	<b>7</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>7</b>
<b>3.1</b>	<b>Terms and definitions .....</b>	<b>7</b>
<b>3.2</b>	<b>Abbreviations .....</b>	<b>12</b>
<b>4</b>	<b>Sustainable refurbishment, general principles .....</b>	<b>13</b>
<b>5</b>	<b>Evaluation of building condition and performance .....</b>	<b>17</b>
<b>5.1</b>	<b>General process .....</b>	<b>17</b>
<b>5.2</b>	<b>General procedure .....</b>	<b>18</b>
<b>5.3</b>	<b>Preparing the evaluation of the existing building .....</b>	<b>19</b>
<b>5.3.1</b>	<b>Establishing the brief .....</b>	<b>19</b>
<b>5.3.2</b>	<b>Definition of requirements .....</b>	<b>19</b>
<b>5.3.3</b>	<b>Execution plan and competence requirements .....</b>	<b>19</b>
<b>5.3.4</b>	<b>Acquisition and sustainable assessment of building and available building information</b>	
	<b>19 5.3.5 Assessment criteria and performance classes .....</b>	<b>19</b>
<b>5.4</b>	<b>Condition registration and analysis .....</b>	<b>20</b>
<b>5.4.1</b>	<b>Registration of condition and determination of performance classes .....</b>	<b>20</b>
<b>5.4.2</b>	<b>Determination of performance classes for inaccessible parts .....</b>	<b>21</b>
<b>5.5</b>	<b>Analysis and evaluation process for sustainable refurbishment .....</b>	<b>21</b>
<b>5.5.1</b>	<b>Grade classes of consequences for Step 1 and Step 2 .....</b>	<b>21</b>
<b>5.5.2</b>	<b>Evaluating the building -- step 1 .....</b>	<b>22</b>
<b>5.5.3</b>	<b>Sustainable deconstruction -- Step 2 .....</b>	<b>27</b>
<b>5.5.4</b>	<b>Sustainable construction process -- Step 3 .....</b>	<b>28</b>
<b>5.5.5</b>	<b>Commissioning - step 4 .....</b>	<b>28</b>
<b>5.5.6</b>	<b>Sustainable in use - step 5 .....</b>	<b>29</b>
<b>6</b>	<b>Final report .....</b>	<b>30</b>
<b>6.1</b>	<b>Content of report .....</b>	<b>30</b>
<b>6.2</b>	<b>Presentation and communication of results .....</b>	<b>32</b>
<b>Annex A (informative) Example of classification of indicators in performance and performance classes, from 0 - 3 .....</b>		<b>33</b>
<b>Bibliography .....</b>		<b>43</b>