

# ISO 18097:2022-08 (E)

## Thermal insulating products for building equipment and industrial installations - Determination of maximum service temperature

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Principle .....</b>	<b>2</b>
<b>5</b>	<b>Apparatus .....</b>	<b>2</b>
<b>6</b>	<b>Test specimens .....</b>	<b>3</b>
6.1	Dimensions of test specimens .....	3
6.1.1	Length and width .....	3
6.1.2	Thickness .....	3
6.2	Number of test specimens .....	4
6.3	Conditioning of test specimens .....	4
<b>7</b>	<b>Procedure .....</b>	<b>4</b>
7.1	Test conditions .....	4
7.2	Test procedure .....	4
<b>8</b>	<b>Calculation and expression of results .....</b>	<b>5</b>
8.1	Thickness deformation versus time .....	5
8.2	Dimensional changes .....	5
8.3	Additional tests and/or observations .....	6
8.4	Internal self-heating .....	6
<b>9</b>	<b>Accuracy of measurement .....</b>	<b>7</b>
<b>10</b>	<b>Test report .....</b>	<b>8</b>
<b>Annex A (normative)</b>	<b>Modifications of and additions to the general test method for mineral wool products .....</b>	<b>9</b>
<b>Annex B (normative)</b>	<b>Modifications of and additions to the general test method for cellular glass products .....</b>	<b>12</b>
<b>Annex C (normative)</b>	<b>Modifications of and additions to the general test method for phenolic foam products .....</b>	<b>13</b>
<b>Annex D (normative)</b>	<b>Modifications of and additions to the general test method for polyethylene foam (PEF) and flexible elastomeric foam (FEF) products .....</b>	<b>15</b>
<b>Bibliography .....</b>		<b>17</b>