

# ISO 4898:2008-03 (E)

## Rigid cellular plastics - Thermal insulation products for buildings - Specifications

---

<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>2</b>
<b>4</b>	<b>Sizes and dimensional-tolerance requirements .....</b>	<b>3</b>
<b>5</b>	<b>Physical-property requirements .....</b>	<b>4</b>
<b>5.1</b>	<b>Categories .....</b>	<b>4</b>
<b>5.2</b>	<b>Subcategories .....</b>	<b>4</b>
<b>5.3</b>	<b>Limiting quality values .....</b>	<b>4</b>
<b>5.4</b>	<b>Burning characteristics .....</b>	<b>4</b>
<b>6</b>	<b>Sampling .....</b>	<b>4</b>
<b>7</b>	<b>Ageing and conditioning .....</b>	<b>5</b>
<b>7.1</b>	<b>Ageing .....</b>	<b>5</b>
<b>7.2</b>	<b>Conditioning .....</b>	<b>5</b>
<b>8</b>	<b>Test methods .....</b>	<b>5</b>
<b>8.1</b>	<b>Linear dimensions .....</b>	<b>5</b>
<b>8.2</b>	<b>Density .....</b>	<b>5</b>
<b>8.3</b>	<b>Compressive strength .....</b>	<b>5</b>
<b>8.4</b>	<b>Thermal conductivity .....</b>	<b>6</b>
<b>8.5</b>	<b>Dimensional stability/compressive creep properties at elevated temperature .....</b>	<b>6</b>
<b>8.6</b>	<b>Water vapour permeability .....</b>	<b>6</b>
<b>8.7</b>	<b>Water absorption .....</b>	<b>6</b>
<b>8.8</b>	<b>Bending load at break .....</b>	<b>7</b>
<b>9</b>	<b>Conformity control .....</b>	<b>7</b>
<b>10</b>	<b>Labelling and marking of products .....</b>	<b>7</b>
<b>11</b>	<b>Reporting requirements .....</b>	<b>7</b>
<b>Annex A (normative) Amendments to ISO 12576-1 .....</b>		<b>12</b>
<b>Bibliography .....</b>		<b>14</b>