

# DIN 7865-3:2020-08 (E)

## Elastomeric waterstops for sealing joints in concrete - Part 3: Range of applications

<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>Terms and definitions.....</b>	<b>6</b>
<b>4</b>	<b>Exposure classes and areas of application.....</b>	<b>6</b>
<b>5</b>	<b>Requirements .....</b>	<b>6</b>
<b>5.1</b>	<b>Base polymer .....</b>	<b>6</b>
<b>5.2</b>	<b>Material characteristics .....</b>	<b>6</b>
<b>6</b>	<b>Testing .....</b>	<b>9</b>
<b>6.1</b>	<b>General .....</b>	<b>9</b>
<b>6.2</b>	<b>Test piece preparation .....</b>	<b>9</b>
<b>6.3</b>	<b>Material testing.....</b>	<b>9</b>
<b>6.3.1</b>	<b>Shore hardness .....</b>	<b>9</b>
<b>6.3.2</b>	<b>Tensile strength at break and elongation at break.....</b>	<b>9</b>
<b>6.3.3</b>	<b>Compression set .....</b>	<b>9</b>
<b>6.3.4</b>	<b>Tear strength .....</b>	<b>9</b>
<b>6.3.5</b>	<b>Change in volume .....</b>	<b>9</b>
<b>6.4</b>	<b>Testing after exposure.....</b>	<b>9</b>
<b>6.4.1</b>	<b>Wastewater (EF 1), groundwater (EF 2), drinking water (EF 3).....</b>	<b>9</b>
<b>6.4.2</b>	<b>Sea water (EF 4).....</b>	<b>9</b>
<b>6.4.3</b>	<b>De-icing media (EF 5).....</b>	<b>10</b>
<b>6.4.4</b>	<b>Fuels and oils (EF 6) .....</b>	<b>10</b>
<b>6.4.5</b>	<b>Fire behaviour (EF 7) .....</b>	<b>10</b>
<b>6.4.6</b>	<b>Low temperatures (EF 8) .....</b>	<b>11</b>
<b>6.4.7</b>	<b>Ozone loads (EF 9) .....</b>	<b>11</b>
<b>7</b>	<b>Designation .....</b>	<b>11</b>
<b>8</b>	<b>Marking .....</b>	<b>12</b>
	<b>Annex A (informative) Table of exposure classes for base polymers.....</b>	<b>13</b>
	<b>Bibliography .....</b>	<b>14</b>