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# ARDEX Torch-Applied Membranes

## System Recommendations

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ARDEX Torch-applied waterproofing membranes can be used in a wide variety of combinations to suit the requirements of a specific waterproofing application. The following table outlines most of the acceptable alternatives for a range of common situations encountered. Please consult with your ARDEX representative to select the most appropriate solution.

The systems must be installed in accordance with each individual datasheet over substrates prepared as per substrate specification.

### Concrete Substrates

### Warranty Period

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**1 Single Layer Non-Exposed**

10 Years

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1st Layer: ARDEX WPM 114	APP vented base sheet
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**2 Two Layer Non-Exposed**

20 Years

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1st Layer: ARDEX WPM 114	APP vented base sheet
2nd Layer: ARDEX WPM 180	3.5mm reinforced APP membrane

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**3 Three Layer Non-Exposed**

25 Years

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1st Layer: ARDEX WPM 114	APP vented base sheet
2nd Layer: ARDEX WPM 120	2.5mm reinforced APP membrane
3rd Layer: ARDEX WPM 180	3.5mm reinforced APP membrane

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**4 Two Layer Exposed**

20 Years

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1st Layer: ARDEX WPM 114	APP vented base sheet
2nd Layer: ARDEX WPM 189+	Ceramic coated bitumen membrane

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**5 Three Layer Exposed**

25 Years

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1st Layer: ARDEX WPM 114	APP vented base sheet
2nd Layer: ARDEX WPM 120	2.5mm reinforced APP membrane
3rd Layer: ARDEX WPM 189+	Ceramic coated bitumen membrane

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## Heat-Sensitive Substrates (i.e. Plywood, Strandsarking, Insulation Board)

<b>6</b>	<b>Two Layer Non-Exposed</b>	20 Years
1st Layer: ARDEX WPM 117	Self-adhesive bituminous base sheet	
2nd Layer: ARDEX WPM 180	3.5mm reinforced APP membrane	
<b>7</b>	<b>Three Layer Non-Exposed</b>	25 Years
1st Layer: ARDEX WPM 117	Self-adhesive bituminous base sheet	
2nd Layer: ARDEX WPM 120	2.5mm reinforced APP membrane	
3rd Layer: ARDEX WPM 180	3.5mm reinforced APP membrane	
<b>8</b>	<b>Two Layer Exposed</b>	20 Years
1st Layer: ARDEX WPM 117	Self-adhesive bituminous base sheet	
2nd Layer: ARDEX WPM 189+	Ceramic coated bitumen membrane	
<b>9</b>	<b>Three Layer Exposed</b>	25 Years
1st Layer: ARDEX WPM 117	Self-adhesive bituminous base sheet	
2nd Layer: ARDEX WPM 120	2.5mm reinforced APP membrane	
3rd Layer: ARDEX WPM 189+	Ceramic coated bitumen membrane	