

Table 1: Do's and Don'ts

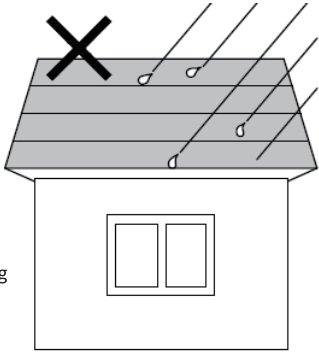
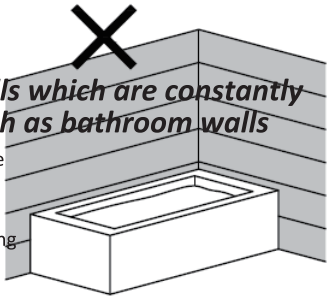
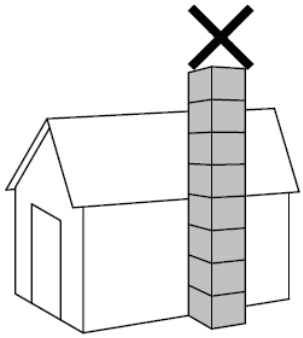
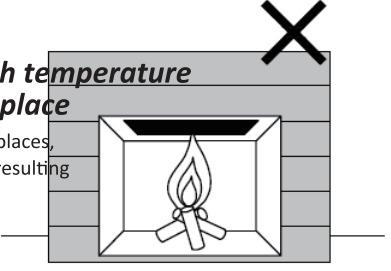
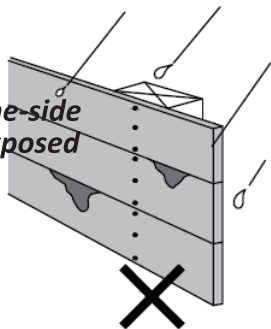
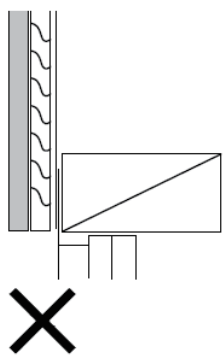
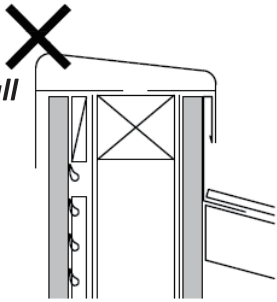
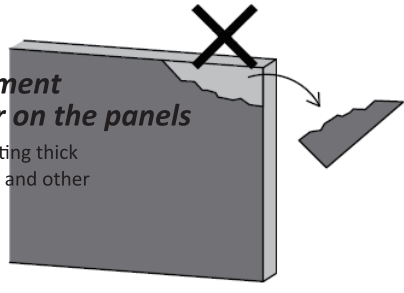
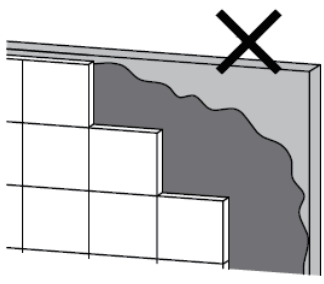
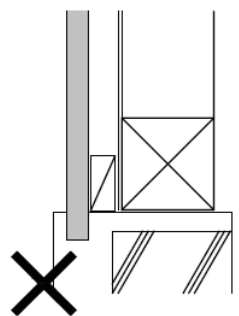
| <h1>LIMITATIONS</h1> | |
|---|---|
| <p>1</p> <p><i>Do not use on inclined parapet/wall</i></p> <p>Comparing with vertical walls, the environmental conditions are severe, causing deterioration of coating, frost damages, and leaking water.</p> |  |
| <p>2</p> <p><i>Do not use on the walls which are constantly exposed to water, such as bathroom walls</i></p> <p>Comparing with vertical walls, the environmental conditions are severe, causing deterioration of coating, frost damages, and leaking water.</p> |  |
| <p>3</p> <p><i>Do not use on chimneys</i></p> <p>Panels absorb water occurred in the smokestacks from backsides as well as the deterioration by heat. It causes warpage and frost damages.</p> |  |
| <p>4</p> <p><i>Do not use to high temperature place such as fireplace</i></p> <p>On the high temperature places, water in panels dried up, resulting in the shrinkage and cracks.</p> |  |
| <p>5</p> <p><i>Do not use on fences of one-side walls with the backside exposed</i></p> <p>The backsides of panels are finished only with sealers. The repetition of water absorption from backsides cause warping and other failures.</p> |  |
| <p>6</p> <p><i>Do not use at inner sash without appropriate flashing</i></p> <p>Water can easily intrude into the backside of panels, causing leaking water and frost damages.</p> |  |
| <p>7</p> <p><i>Do not use on parapet wall without air vent</i></p> <p>The ventilating air does not flow into backside of panels, causing dew condensations.</p> |  |
| <p>8</p> <p><i>Do not apply cement stucco or mortar on the panels</i></p> <p>Lack of adhesion by painting thick coating causes abrasions and other failures.</p> |  |
| <p>9</p> <p><i>Do not apply tiles and stones on the panels</i></p> <p>Crack and abrasion of tiles and stones may occur.</p> |  |
| <p>10</p> <p><i>Do not implant panels into concrete foundation</i></p> <p>Water is absorbed from the edge of panels, causing frost damages, coating abrasions and molds.</p> |  |

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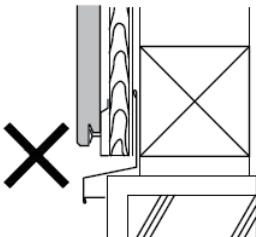
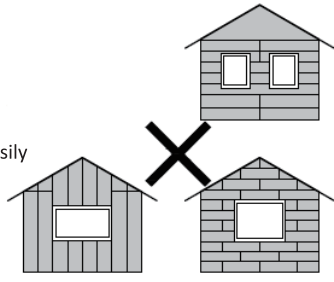
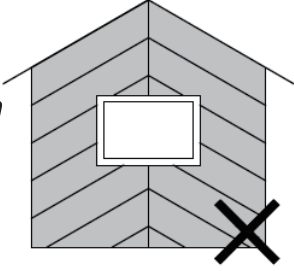
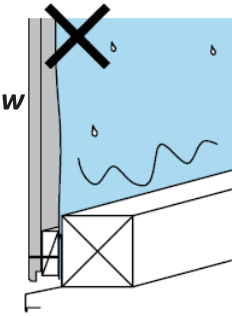
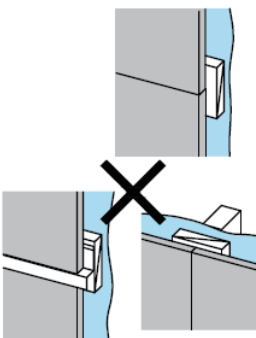
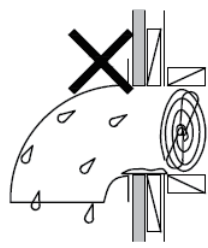
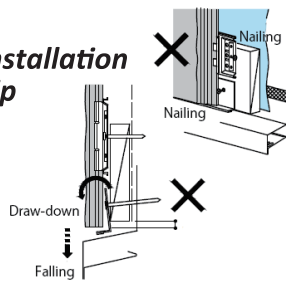
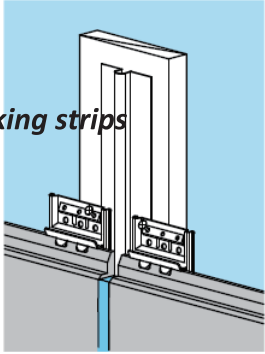
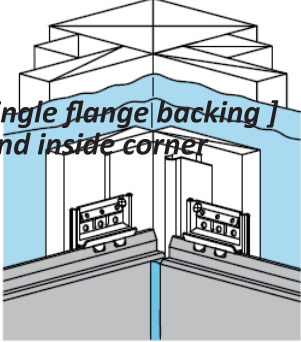
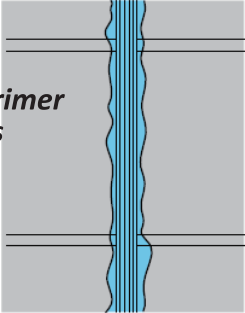
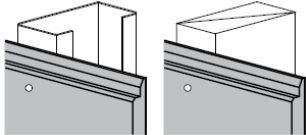
| <h1>LIMITATIONS</h1> | |
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| <p>11</p> <p>Do not use short clips as a starter strip</p> <p>Difficult to keep a level on the first panel, causing gap at joint of panels on the upper part.</p> |  |
| <p>12</p> <p>Do not put panels directly to the flashing</p> <p>Water is absorbed from the edge of panels, causing frost damages, coating abrasions and molds. Secure gap of 10 to 15mm between the panels and flashing.</p> | <p>16</p> <p>Do not install panels with breaking joint</p> <p>Improper work of sealant can easily occur, causing leaking water.</p>  |
| <p>13</p> <p>Do not use air barrier with low moisture permeability</p> <p>The moisture easy to stay inside the wall, causing condensations and frost damages.</p> | <p>17</p> <p>Do not install panel in the diagonal direction</p> <p>Improper work of sealant can easily occur, causing leaking water and the moisture easily penetrate into backside of panels from joint part.</p>  |
| <p>14</p> <p>Do not joint panel on a narrow stud framing</p> <p>The screw has to be applied to the edge of panels, causing cracks.</p> | <p>18</p> <p>Do not use a corner horizontally</p> <p>Moisture invading the backside of the corner is not drained, causing leaking water and frost damages.</p>  |
| <p>15</p> <p>Do not butt joint panels</p> <p>Water is absorbed from the edge of panels, causing frost damages.</p> | <p>19</p> <p>Do not install an air vent after panel work</p> <p>Humidity enters in the walls, causing condensations, leaking water and frost damages.</p>  |
| <p>20</p> <p>Do not make improper installation in the vertical starter strip</p> <p>The vertical starter strip must be fastened with special screws and the clips must be fastened just above the starter to prevent from panel falling.</p> |   |

Table 1: Do's and Don'ts

| <h1>LIMITATIONS</h1> | |
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| <p>21</p> <p><i>Do not install without backing strips</i></p> <p>Causing side slip of panels and delamination between the panels and sealant.</p>  | <p>26</p> |
| <p>22</p> <p><i>Do not install without single flange backing 1 strip around windows and inside corner</i></p> <p>Causing side slip of panels and delamination between the panels and sealant.</p>  | <p>27</p> |
| <p>23</p> <p><i>Do not install sealant and primer protruding from panel joints</i></p> <p>When the sealant and/or primer protrude from panel joints, it will discolor with aging and will stand out.</p>  | <p>28</p> |
| <p>24</p> <p><i>Do not fasten directly to stud framing without ventilation layer</i> X</p> <p>Air ventilation system does not work, causing cracks, chipping, warping and falling of panels.</p>  | <p>29</p> |
| <p>25</p> <p><i>Do not use on the curved wall</i></p> <p>Bending panels leads to fine cracks and chipping, falling of panels and cracks in the painting layer.</p> | <p>30</p> |