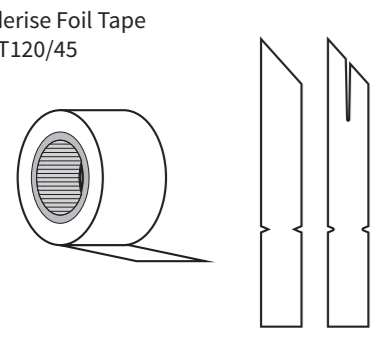
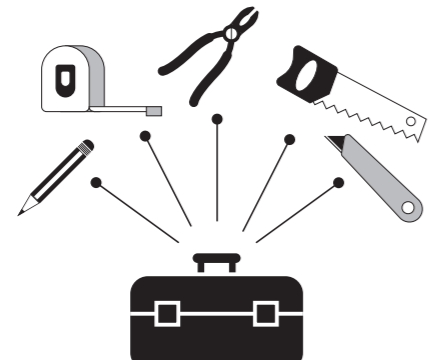
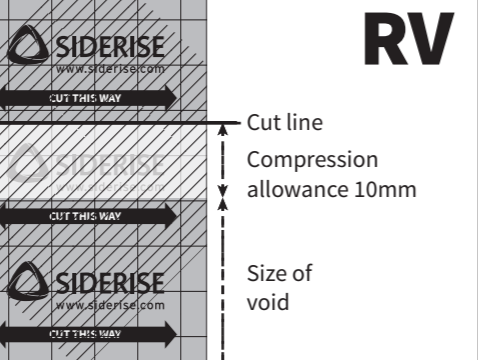

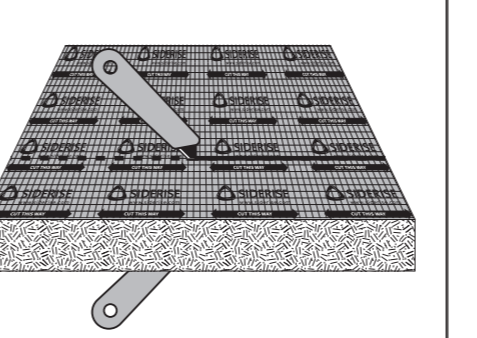
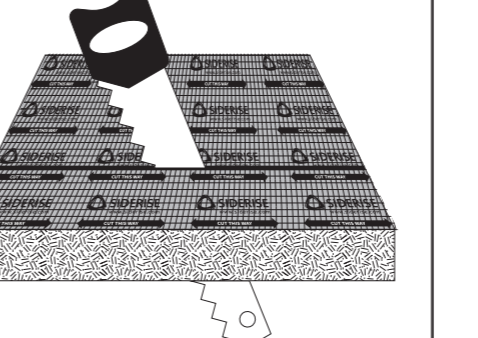
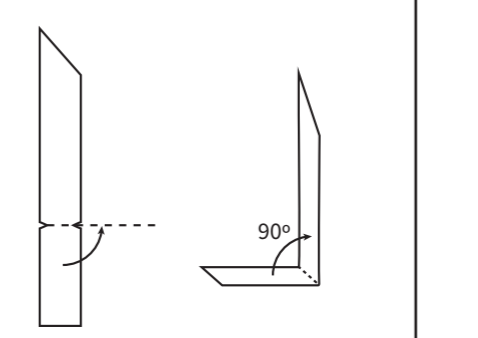
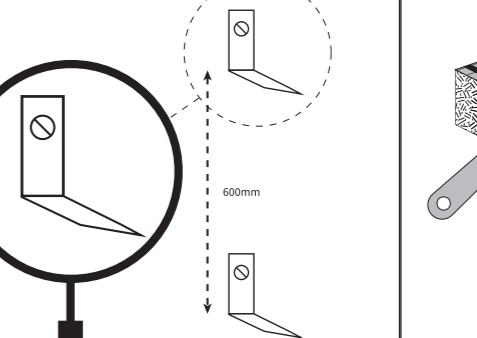
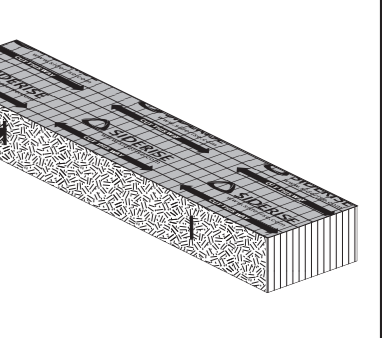
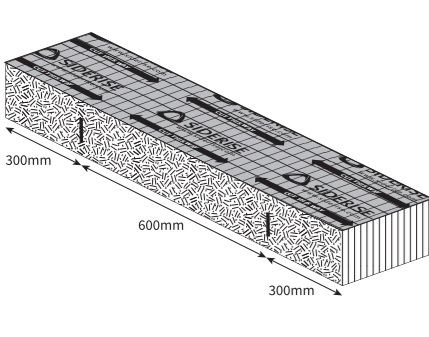
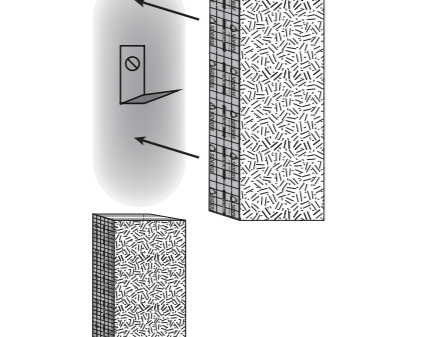
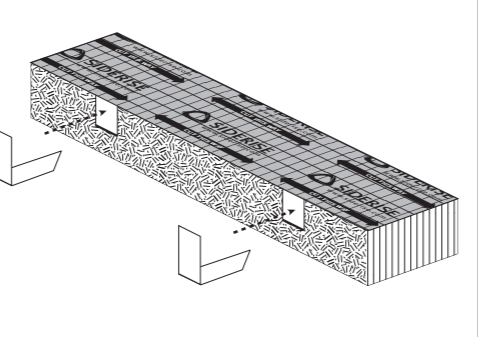
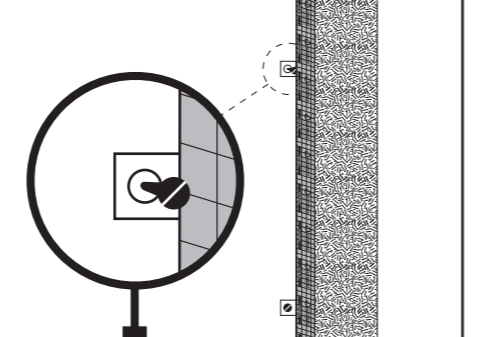
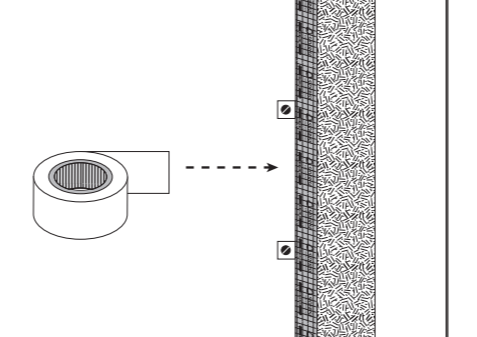
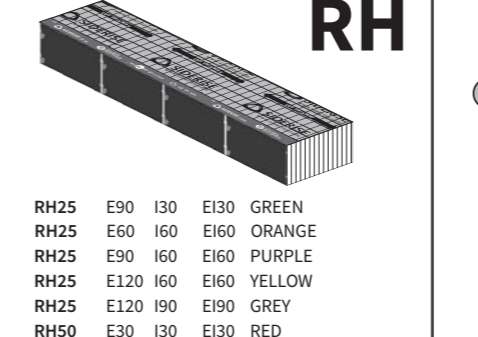
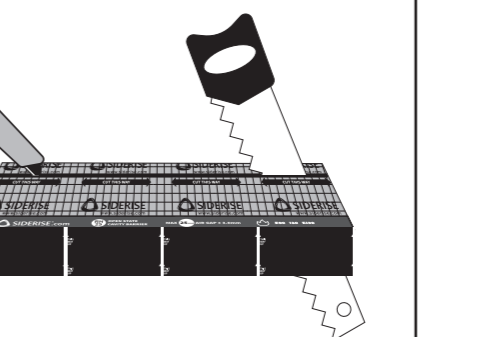
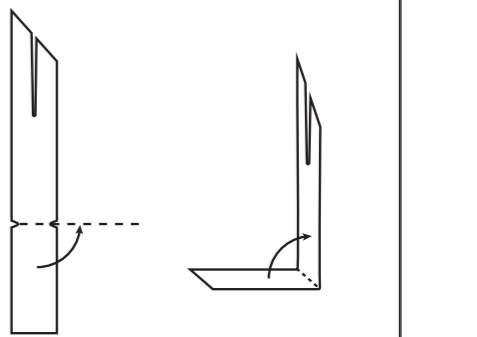
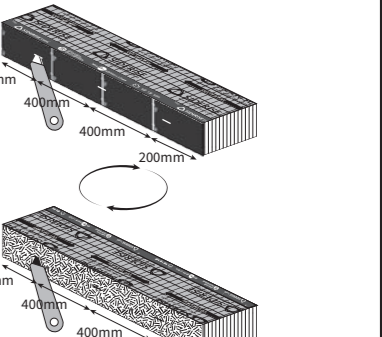
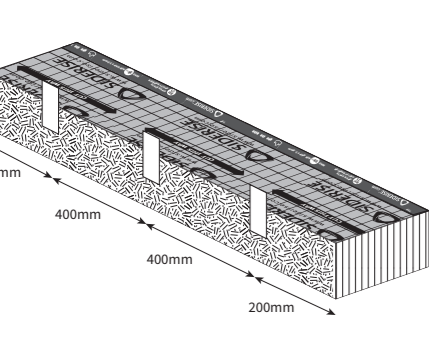
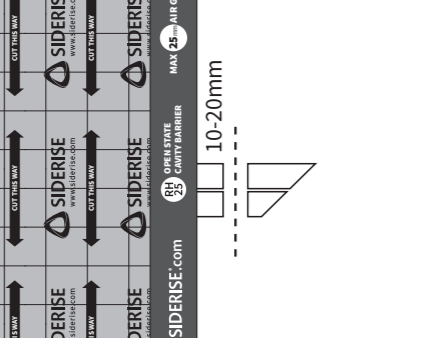
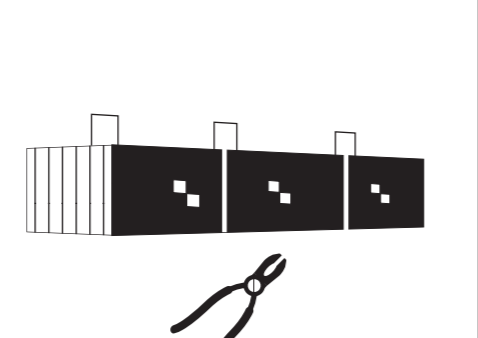
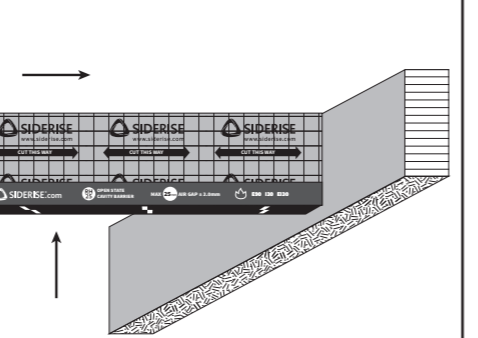
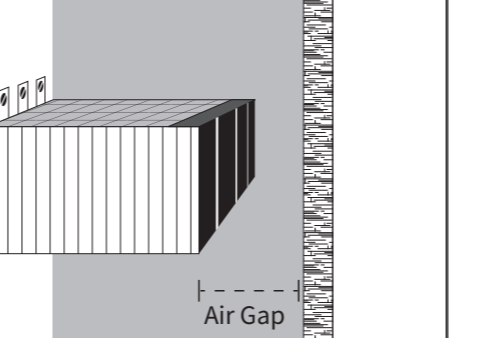
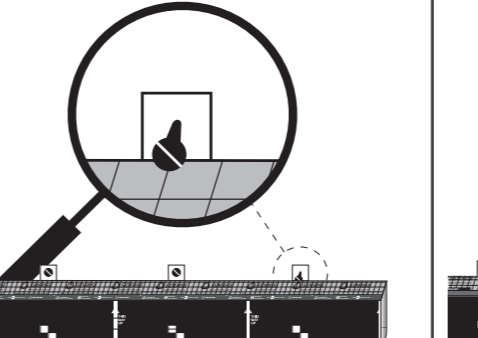
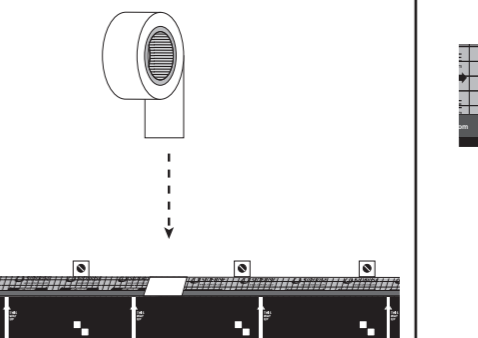
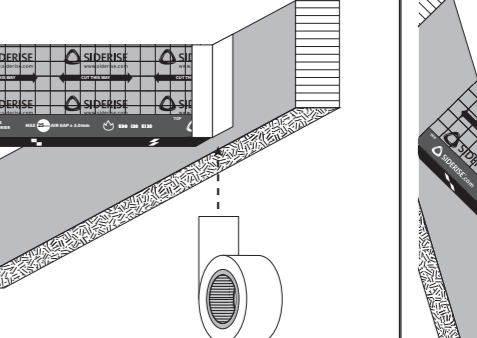
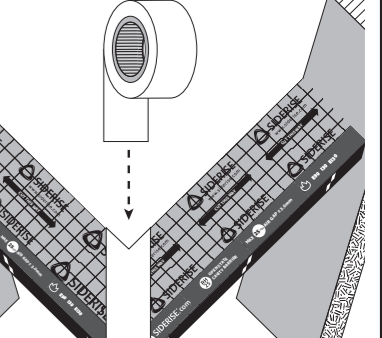
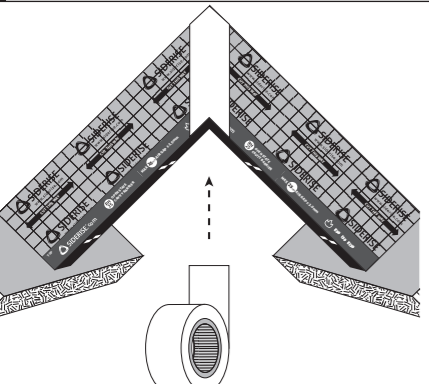
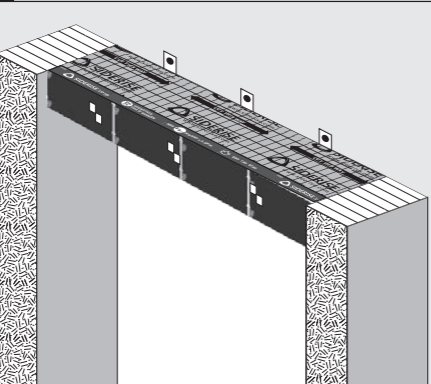
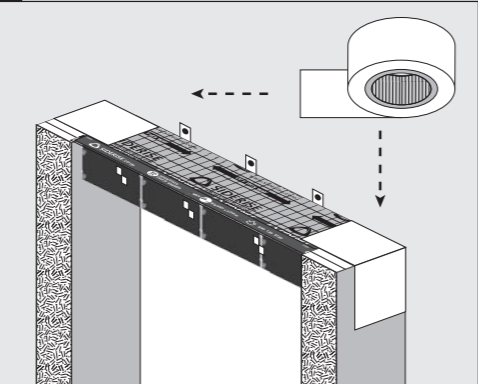
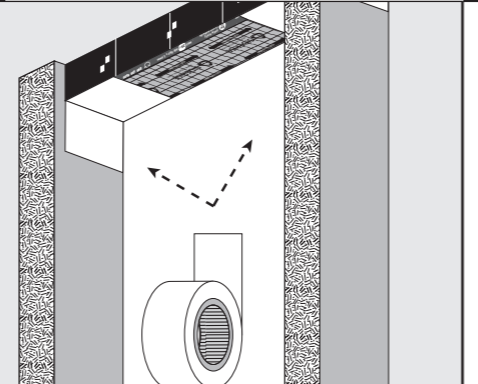
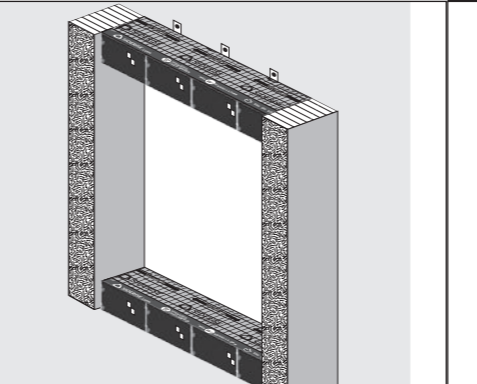
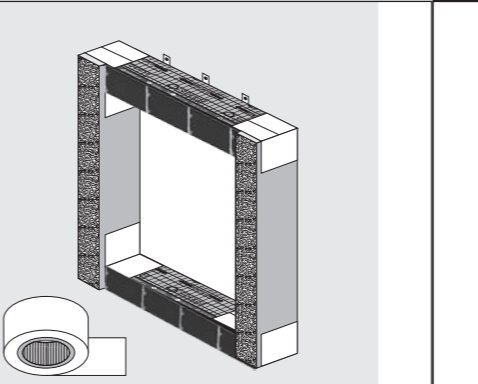
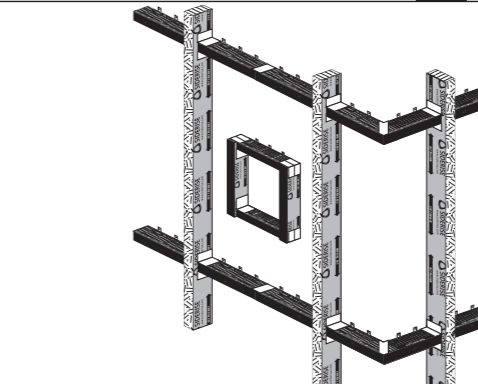
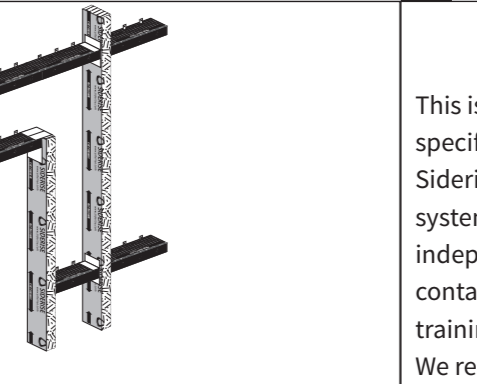


SIDERISE RV-RH

Open State cavity barriers for use in external envelope or fabric of buildings

INSTALLATION RECOMMENDATIONS

 <p>Siderise Foil Tape RFT120/45</p>		 <p>RV</p> <p>Cut line Compression allowance 10mm Size of void</p>				 <p>90°</p>	 <p>600mm</p>																																				
<p>1 You need: RV Fixing Brackets, RH Fixing Brackets, Foil Tape 120/45. Non combustible mechanical fixing appropriate to substrate, supplied by contractor.</p>	<p>2 Cutting on site, tools required: Marker, tape measure, sharp knife, serrated blade, pliers.</p>	<p>3 Measure and mark the sheet: size of the void plus compression allowance as stated in the data sheet +10mm.</p>	<p>4 Cut in the direction that is marked on the foil face of the RV sheet.</p>	<p>5 Use a sharp knife to cut through the foil facings on both sides.</p>	<p>6 Cut the stone wool with a saw, being careful not to rip the foil facing.</p>	<p>7 2 brackets are needed for each RV barrier. Fixing brackets are supplied flat for folding site. The bracket can be trimmed to ensure it is a maximum of 75% of the width of the barrier.</p>	<p>8 Brackets can be installed in two main ways: 1. Set brackets on the wall at 600mm centres.</p>	<p>9 Make 2 vertical incisions in the reverse of the barrier with a sharp knife.</p>																																			
					 <p>RH</p> <table border="0"> <tr><td>RH25</td><td>E90</td><td>I30</td><td>EI30</td><td>GREEN</td></tr> <tr><td>RH25</td><td>E60</td><td>I60</td><td>EI60</td><td>ORANGE</td></tr> <tr><td>RH25</td><td>E90</td><td>I60</td><td>EI60</td><td>PURPLE</td></tr> <tr><td>RH25</td><td>E120</td><td>I60</td><td>EI60</td><td>YELLOW</td></tr> <tr><td>RH25</td><td>E120</td><td>I90</td><td>EI90</td><td>GREY</td></tr> <tr><td>RH50</td><td>E30</td><td>I30</td><td>EI30</td><td>RED</td></tr> <tr><td>RH50</td><td>E60</td><td>I60</td><td>EI60</td><td>BLUE</td></tr> </table>	RH25	E90	I30	EI30	GREEN	RH25	E60	I60	EI60	ORANGE	RH25	E90	I60	EI60	PURPLE	RH25	E120	I60	EI60	YELLOW	RH25	E120	I90	EI90	GREY	RH50	E30	I30	EI30	RED	RH50	E60	I60	EI60	BLUE			
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RH50	E30	I30	EI30	RED																																							
RH50	E60	I60	EI60	BLUE																																							
<p>10 Your incisions must be at 600mm centres.</p>	<p>11 Press barrier onto brackets ensuring it is tightly abutted to the barrier below and above.</p>	<p>12 Alternatively, insert the brackets into the RV barrier then fix to the wall. This time the incisions must be in horizontal orientation.</p>	<p>13 Mechanically fix the brackets to the wall, ensuring the barrier is tightly abutted to the barrier below and above.</p>	<p>14 Seal joints between abutting barriers with Siderise foil tape on both sides.</p>	<p>15 You need: Siderise® Fixing Brackets, Siderise® Foil Tape FT 120/45, suitable non-combustible mechanical fixings appropriate to substrate, supplied by contractor.</p>	<p>16 Product is ordered to suit project requirements. When ordering, order product to suit site tolerances. Product can be trimmed on site along the back edge to suit required site dimensions.</p>	<p>17 3 brackets are needed for each RH barrier. Manually fold brackets to 90°.</p>	<p>18 Make 3 horizontal incisions at 400mm intervals. This will make it easier to push the bracket through the intumescent layer. Reverse and repeat.</p>																																			
	 <p>10-20mm</p>			 <p>Air Gap</p>																																							
<p>19 Insert the three brackets into the RH barrier. Bracket flanges must be facing upwards as shown above.</p>	<p>20 The end of the brackets must be trimmed to the recommended 10-20mm length.</p>	<p>21 Fold the split end of the bracket half upwards and half downwards using the pliers.</p>	<p>22 Hold barrier against the wall.</p>	<p>23 Check that the width of the barrier is installed to leave required air gap between the horizontal barrier and the cladding panel.</p>	<p>24 Mechanically fix the brackets to the wall, ensuring the barrier is tightly abutted to the barriers next to it.</p>	<p>25 Seal joints with Siderise foil tape on the top side only.</p>	<p>26 Where RV and RH barriers meet ensure that they are tightly abutted. Seal corners and junctions on the top side only with Siderise foil tape.</p>	<p>27 Carefully cut barrier to ensure mitred edges are tightly abutted and ensuring continuity of intumescent on leading edge.</p>																																			
								<p>This is a generic guide and not project specific. You may have interfaces between Siderise cavity fire barriers and façade system components which require independent detailing, therefore please contact Siderise to arrange on-site training. site.services@siderise.com We reserve the right to amend installation recommendations without notice.</p>																																			
<p>28 Carefully cut barrier to ensure mitred edges are tightly abutted and ensuring continuity of intumescent on leading edge.</p>	<p>29 The vertical barrier must extend beyond the aperture of doorways. Set the horizontal barriers above apertures, tightly abutted to the vertical barriers.</p>	<p>30 Seal joints with Siderise foil tape where vertical barriers and horizontal barriers meet.</p>	<p>31 Seal joints with Siderise foil tape where vertical barriers and horizontal barriers meet.</p>	<p>32 The vertical barriers must extend above and below the window aperture. Set the horizontal barriers tightly abutted between the vertical barriers.</p>	<p>33 Every internal and external joint where vertical and horizontal barriers meet, must be sealed with Siderise foil tape.</p>	<p>34 For voids in excess of 400mm contact technical at technical@siderise.com. Download the data sheet from our website.</p>																																					

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