

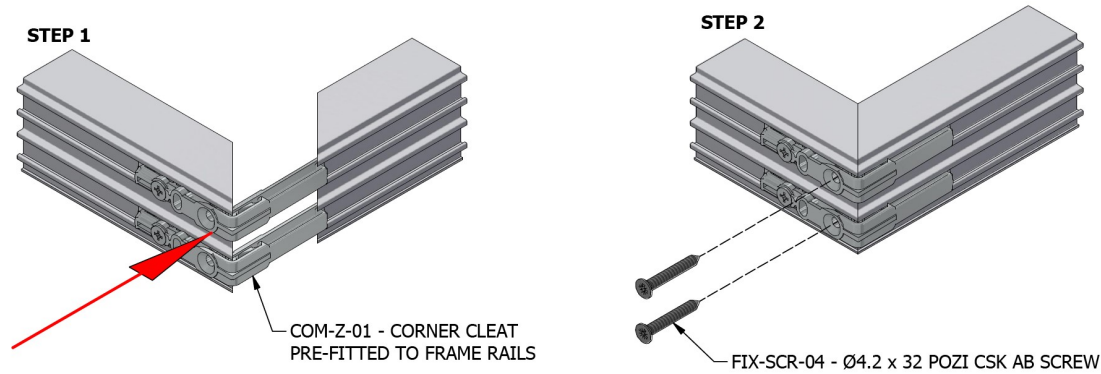
OUTER FRAME CORNER CLEATS

**STEP 1** - ALIGN THE END OF THE COM-Z-01 CLEATS WITH THE CHANNELS IN THE RAILS AND PUSH ALL FOUR CORNERS LOOSELY TOGETHER SO THAT THE ADJACENT RAIL FACES ARE TOUCHING.

**STEP 2** - WORKING WITH ONE CORNER AT A TIME, SCREW THE FIX-SCR-04 SCREWS THROUGH THE HOLES IN THE CLEATS AND INTO THE ADJACENT RAIL.

TIGHTEN THE SCREWS UNTIL THE GAP BETWEEN THE RAILS IS CLOSED AT THE FRONT AND BACK.

ONCE THE GAP IS CLOSED, DO NOT CONTINUE TO TIGHTEN AS THIS WILL HAVE A NEGATIVE EFFECT ON THE CORNER JOINT QUALITY.



TIMBER SUBFRAME

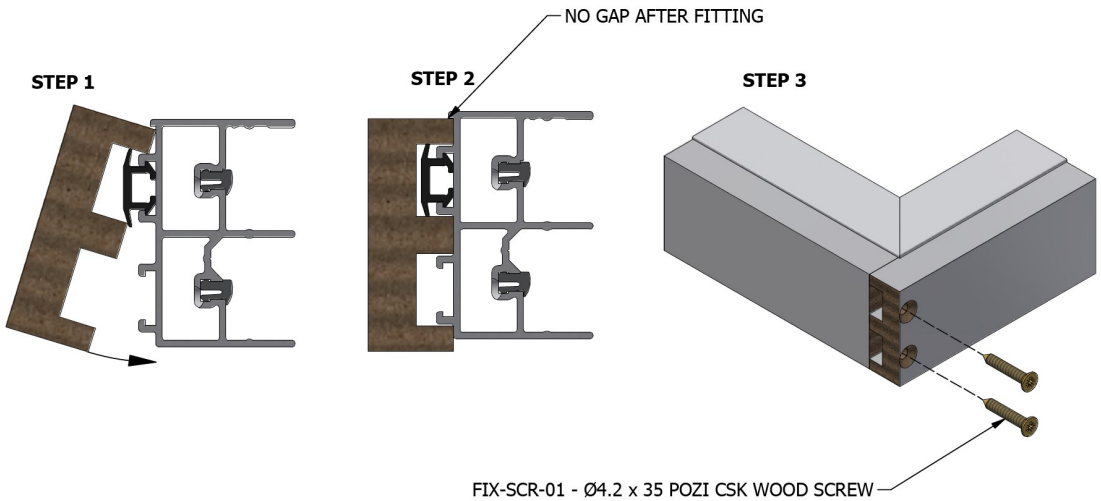
**STEP 1** - STARTING WITH THE UPPER AND LOWER TIMBERS, POSITION EACH PIECE AT AN ANGLE OVER THE CLIPS AS SHOWN. WHILE HOLDING THE FRONT EDGE IN POSITION, TWIST THE REAR EDGE UNTIL THE TIMBER CONTACTS THE FRAME PROFILE.

**STEP 2** - CHECK FOR ANY VISIBLE GAP ALONG THE FRONT EDGE IN THE POSITION SHOWN. IF A GAP IS PRESENT IT WOULD INDICATE THAT THE TIMBER IS NOT FULLY SEATED TO ITS REQUIRED POSITION. IF THERE IS A VISIBLE GAP USE HAND PRESSURE TO PUSH THE TIMBER UNTIL IT CONTACTS THE ALUMINIUM. REPEAT THE PROCESS WITH THE SIDE TIMBERS.

**STEP 3** - STARTING AT ONE CORNER, ALIGN THE END OF THE SIDE TIMBER TO THE OUTSIDE FACE OF THE ADJACENT TIMBER TO WITHIN ±0.5mm.

USING A P22 BIT, SCREW IN 2 x FIX-SCR-01 Ø4.2 x 35 POZI CSK WOOD SCREWS UNTIL THE TIMBERS ARE JOINED FIRMLY.

**IMPORTANT - DO NOT OVERTIGHTEN THE SCREWS AS THIS MAY CAUSE THEM TO STRIP FROM THE ADJACENT TIMBER.**



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A		07/01/2022	

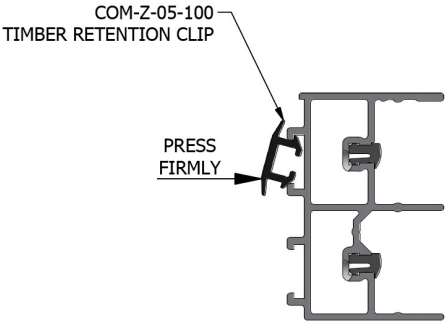
TIMBER RETENTION CLIPS

THE COM-Z-05-100 TIMBER RETENTION CLIPS ARE ONLY FITTED TO THE CHANNEL CLOSEST TO THE INSIDE FACE OF THE FRAME.

A CLIP SHOULD BE FITTED BETWEEN 75mm AND 125mm FROM EACH CORNER ON ALL SIDES. INTERMEDIATE CLIPS SHOULD BE FITTED SO THAT THERE IS NO MORE THAN 500mm GAP BETWEEN ADJACENT CLIPS.

THE CLIPS CAN BE EITHER SLID INTO THE END OF THE CHANNEL PRIOR TO FRAME ASSEMBLY ON RAILS WITHOUT PRE-FITTED CLEATS, OR PRESSED INTO POSITION.

TO PRESS THE CLIPS INTO THE CHANNEL, POSITION THEM AT AN ANGLE AS SHOWN WITH ONE LEG HOOKED UNDER THE CHANNEL LEG. STARTING AT ONE END PRESS FIRMLY IN THE POSITION SHOWN AND WORK ALONG THE LENGTH OF THE CLIP UNTIL IT IS FULLY FITTED INTO THE CHANNEL.



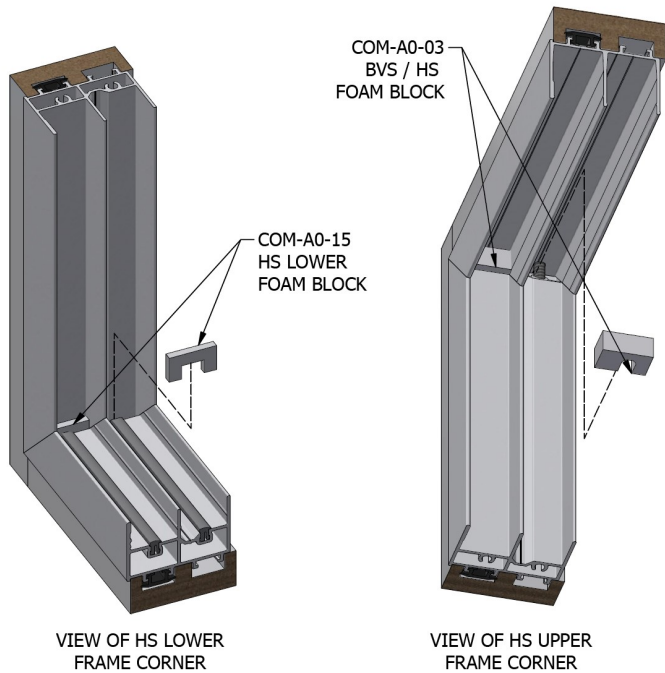
FOAM BLOCKS

FOAM BLOCKS ARE USED TO FILL UNSIGHTLY GAPS IN THE OUTER FRAME FOLLOWING ASSEMBLY.

THE COM-A0-03 BVS / HS FOAM BLOCK IS USED IN THE TOP CORNERS OF THE HS OUTER FRAME IN BOTH THE FRONT AND REAR PANEL CHANNELS. IT IS ALSO USED IN ALL CORNERS OF THE BVS OUTER FRAME BUT ONLY IN THE PANEL CHANNELS WITHOUT TRAVEL STOPS FITTED.

THE COM-A0-15 HS LOWER FOAM BLOCK IS ONLY USED IN THE LOWER CORNER JOINTS OF THE HS IN BOTH PANEL CHANNELS.

THE FOAM BLOCKS ARE INSTALLED BY PRESSING FIRMLY INTO THE GAP.



Drg. Title:	
KIT FORM OUTER FRAME ASSEMBLY	
Drg. No.	KF-TS1
Scale:	1 : 4 (at A3)
Date:	07/01/2022
Drawn by:	
Checked :	
Material :	
Finish :	

IF IN DOUBT ASK DO NOT SCALE	
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ALL DIMENSIONS ARE IN mm
GENERAL TOLERANCES UNLESS OTHERWISE STATED
±0.25 ON ALL MACHINED DIMENSIONS
±0.10 ON ALL CAST AND INJECTION MOULDED DIMENSIONS
+0.10 -0.0 ON ALL HOLE SIZES
±1° ON ALL ANGULAR DIMENSIONS
ALL EXTRUSIONS TO EN 755-9 UNLESS OTHERWISE STATED

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secondary glazing

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