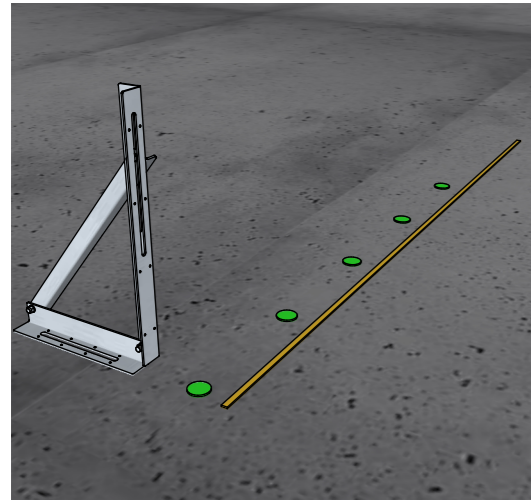


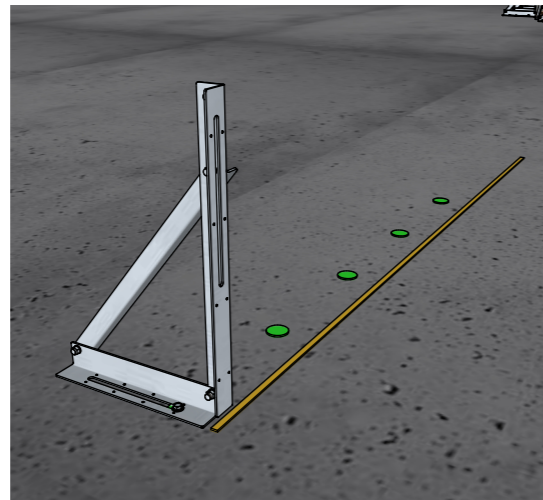
REVISION	DATE	DESCRIPTION	SIGNED
0	4/06/15	ORIGINAL VERSION	K.P.
A	4/06/16	ANNUAL REVISION	K.P.

# BRACKET SYSTEM ERECTION STEP BY STEP GUIDE

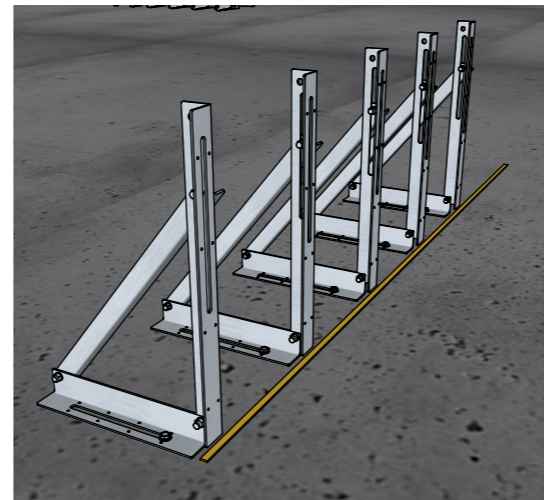
## (BEAM WITH FIXING TO CONCRETE)



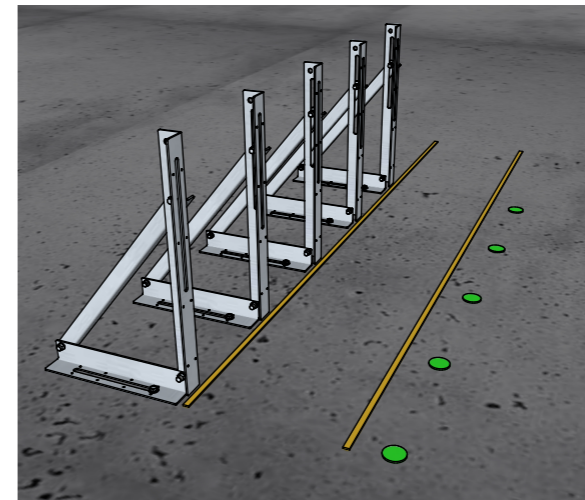
**STEP ONE:**  
MARK THE LINE OF THE SHUTTER DEDUCTING THE PLY THICKNESS, THEN MARK POSITIONS OF RAWL BOLTS REQUIRED TO FIX DOWN THE BRACKETS. CENTRES OF THE BRACKETS ARE DEPENDENT ON THE REQUIRED FINISH OR SIZE OF YOUR POUR (REFER TO NOTE NO 3).



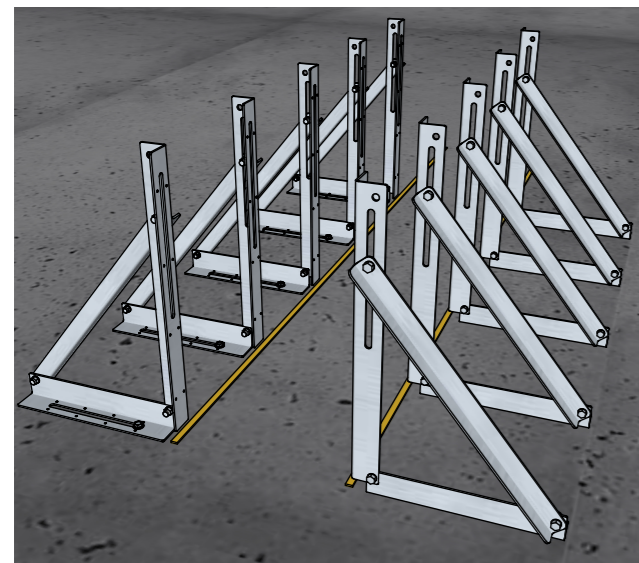
**STEP TWO:**  
FIX DOWN THE FIRST BRACKET. **REMEMBER TO POSITION THE CONCRETE BOLT AT THE BEGINNING OF THE SLOT** IN THE HORIZONTAL MEMBER AS THIS WILL PREVENT THE BRACKET FROM BEING PUSHED AWAY FROM THE SHUTTER. FIX ALL RAWL BOLTS WITH A 110V IMPACT WRENCH. BRACKETS SIZE 150-800 REQUIRE ONE BOLT AND BRACKETS SIZE 1200-1800 REQUIRE TWO BOLTS.



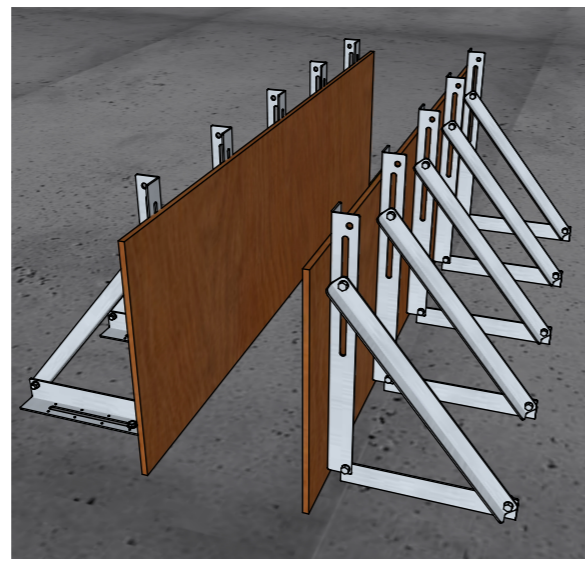
**STEP THREE:**  
FIX DOWN ALL REQUIRED BRACKETS. FOR ALIGNING THE BRACKET SYSTEM PLUMB THE FIRST AND LAST BRACKET ONLY, LOOSEN THE BOLTS ON THE DIAGONAL MEMBERS OF THE REMAINING BRACKETS. ATTACH A STRING LINE TO THE TOP OF THE FIRST AND LAST BRACKET MAKING SURE IT IS TIGHT. ADJUST EACH BRACKET INDIVIDUALLY, BRINGING THE FACE OF THE UPRIGHT MEMBER TO THE STRING LINE BEFORE FULLY RE-TIGHTENING THE BOLTS WITH AN IMPACT WRENCH !



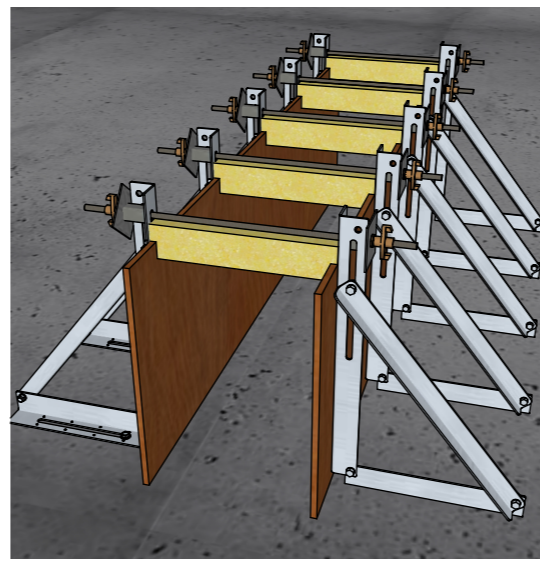
**STEP FOUR:**  
REPEAT PROCESS FOR OTHER SIDE OF THE BEAM. IF IT'S A SLAB SIMPLY CONTINUE THE PROCESS AROUND THE POUR. IF THE BRACKETS REQUIRE SECURING WITH TIE BARS, MAKE SURE THAT THE SLOTS IN THE VERTICAL MEMBERS OF OPPOSITE BRACKETS ALIGN.



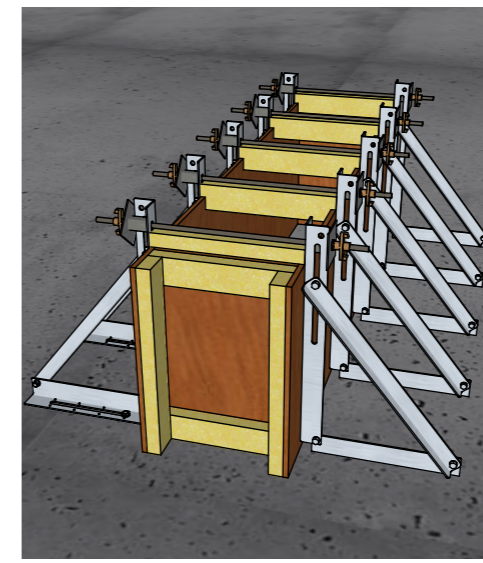
**STEP FIVE:**  
AFTER ALL THE BRACKETS ARE SECURED, YOU ARE READY TO FIX THE PLYWOOD TO THE BRACKETS WITH SCREWS.



**STEP SIX:**  
FIT ALL PLY (FROM BEHIND) USING 20-25MM SCREWS. PLY TO BE A MIN. 18MM STRUCTURAL GRADE.



**STEP SEVEN (OPTIONAL):**  
SECURE OPPOSITE BRACKETS WITH TIE BARS IF TIE BARS ARE INCLUDED IN YOUR DESIGN. GENERALLY TIE BARS ARE NOT REQUIRED FOR THE FAST FORM BRACKET SYSTEM. IF BARS ARE USED A SPACER IS RECOMMENDED (AS SHOWN).



**STEP EIGHT:**  
FIT IN STOP-ENDS (SUPPLIED BY CLIENT) AND TIGHTEN ALL TIE BARS (IF REQUIRED). FIX ACCESS AND HANDRAILS IF REQUIRED (NOT SHOWN).

### NOTES:

THESE ARE STANDARD FITTING INSTRUCTIONS FOR THE FAST FORM BRACKET SYSTEM, YOU SHOULD BE ABLE TO COMPLETE ANY SIZE OR TYPE OF POUR FOLLOWING THESE:

1. START BY MARKING OUT THE LINE OF THE SHUTTER (REMEMBER TO DEDUCT THE PLY THICKNESS). MINIMUM THICKNESS AND STRENGTH OF CONCRETE BLINDING FOR INSTALLATION OF CONCRETE BOLTS IS SPECIFIED IN THE MANUFACTURER'S TECHNICAL APPROVAL AND INSTALLATION GUIDES. ALL CONCRETE BOLTS SHOULD BE SECURED WITH A 110V IMPACT WRENCH.

2. REMEMBER THAT THE CONCRETE BOLT HAS TO BE POSITIONED AT THE BEGINNING OF THE SLOT IN THE HORIZONTAL MEMBER OF THE BRACKET.

3. CENTRES OF THE BRACKETS TO BE NO MORE THAN 400MM FOR FAIR FACE FINISH. FOR CENTRES REFER TO THE DETAILED DRAWING OR SPECIFICATIONS FOR YOUR ORDER.

4. FOR CORNER CONSTRUCTION SET-UPS, PLEASE REFER TO DRAWING NO FFS-BSTC.

5. YOUR DESIGN MAY NOT INCLUDE TIE BARS AS THESE ARE GENERALLY NOT REQUIRED.

6. WISAFORM MDO PLY IF SUPPLIED BY FAST FORM SYSTEMS, THE LIGHT BROWN FACE IS THE FACE TO USE FOR THE CONCRETE SIDE, NOT THE DARK BROWN FACE. MOULD OIL / RELEASE AGENT SHOULD BE APPLIED TO THE FACE SIDE OF ALL PLY FOR EASY RELEASE AFTER CONCRETING.

7. STOP-ENDS TO BE DESIGNED AND SUPPLIED BY CLIENT UNLESS IT HAS BEEN REQUESTED TO BE DESIGNED BY FAST FORM SYSTEMS.

8. IF ACCESS AND HANDRAILS HAVE BEEN REQUESTED BY THE CLIENT, THEY SHOULD BE FITTED BY A COMPETENT PERSON AND MADE SECURE BEFORE BEING USED AS A WORKING PLATFORM. THE ACCESS IS NOT LOAD BEARING AND SHOULD NOT BE USED FOR ANYTHING OTHER THAN ACCESS FOR CONCRETE POURING.

9. IF IN DOUBT OF ANYTHING PLEASE CALL OUR OFFICE, WE ARE HERE TO HELP.



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