

## GENERAL FITTING GUIDE FOR ENVIROCLAD HYGIENIC PVC WALL CLADDING.

**Tools Required: Measuring tape, pencil, mastic gun, straight edge,  
Jig saw (shears or hand saw can also be used)**

1. CHECK ALL THE WALLS THAT ARE TO BE CLAD AND MAKE SURE THAT THEY ARE DRY AND FREE FROM OIL AND GREASE.
2. NEW WALLS AND PLASTERWORK SHOULD BE CLEANED DOWN WITH A SWEEPING BRUSH AND A COAT OF PVA APPLIED. MIXED, 1 PART PVA TO 4 PARTS WATER.  
THIS CAN BE APPLIED WITH A ROLLER OR PAINT BRUSH.  
(NOTE THAT THERE IS MASKING ON THE FRONT OF SHEET TO PROTECT IT, THIS SHOULD BE CAREFULLY **PULLED DOWNWARDS** AND REMOVED WHEN THE JOB IS COMPLETE)
3. IF BACK OF THE SHEET NEEDS TO BE CLEANED USE **ONLY RECOMMENDED GEOCEL PRODUCT. NEVER CLEAN THE SHEET WITH LIQUID OR CHEMICALS.**
4. THE BOTTOM HEAVY 'J' TRIM CAN BE BONDED AND SEALED TO THE WALL (A FIXING CAN ALSO BE USED TO SECURE THE TRIM IN POSITION). THE POSITION FOR THE 'J' TRIM IS USUALLY 100mm FROM THE BOTTOM OF THE TRIM TO THE FINISHED FLOOR LEVEL, TO ALLOW FOR THE FLOORING DETAIL.
5. TO CUT THE SHEETS TO THE CORRECT HEIGHT, MEASURE VERTICALLY FROM THE BOTTOM OF THE TRIM TO THE CEILING AND DEDUCT **3mm FOR EXPANSION** OF THE PVC SHEET. **FIG 1.**
6. PEEL BACK SOME OF THE MASKING AT THE TOP OF THE SHEET AND CUT THE LIGHT (TOP) 'J' TRIM TO SIZE (1230mm allowing for 5mm extra each side of the sheet) AND CLIP IT ON TO THE TOP OF THE SHEET.
7. CUT THE NOZZLE OF THE ADHESIVE, GEOCEL 796, TO ACHIEVE A 6mm BEAD OF ADHESIVE WHEN APPLIED TO THE SHEET. THE ADHESIVE SHOULD BE APPLIED TO THE BACK OF THE SHEET (WHERE THERE IS NO MASKING) IN A SQUARED PATTERN (150mm SQUARES APPROXIMATELY.) IN SOME CASES MORE ADHESIVE MAY BE REQUIRED. **FIG 2.**
8. LIFT THE SHEET INTO THE BOTTOM 'J' TRIM AND SMOOTH OUT WITH YOUR HANDS UNTIL THE SHEET HAS FULLY GRIPPED THE WALL. ( FOR AN OVERALL BONDED SYSTEM USE ENVIROCLAD SOLVENT FREE GRAB ADHESIVE AND APPLY WITH A 6mm NOTCHED TROWEL)
9. AT THE EDGE OF THE SHEET CAREFULLY PEEL BACK SOME OF THE MASKING TAPE. CUT THE BACKING TRIM OF THE 2 PART JOINER BAR TO CORRECT HEIGHT BY MEASURING FROM THE CEILING TO THE BOTTOM OF THE HEAVY 'J' TRIM AND DEDUCT 60mm FROM THE MEASUREMENT AND CUT TO SIZE.
10. FIT THE SECOND SHEET IN PLACE AND BOND ON TO WALL,  
MAKE SURE THAT THERE IS A **GAP OF MINIMUM 2mm EACH SIDE OF THE BACKING TRIM** TO ALLOW FOR EXPANSION IN THE PVC SHEET. **FIG 3**
11. FIT THE FRONT COVER **AFTER EACH SHEET** BY TAPPING INTO POSITION WITH A MALLET. (FOR A WATERTIGHT SEAL GEOCEL 799 CAN BE APPLIED BEFORE THIS CAP IS FITTED ) DO NOT WAIT UNTILL THE JOB IS FINISHED TO FIT THE FRONT COVER AS THE ADHESIVE MAY SET AND MAKE IT DIFFICULT TO FIT THE FRONT COVER.
12. ENVIROCLAD HAVE THERMOFORMING MACHINES SUPPLIED TO THEIR OWN INSTALLERS FOR FOLDING THE PVC ON SITE, ALTERNATIVELY INTERNAL AND EXTERNAL PVC PROFILES CAN BE USED AND BONDED IN PLACE USING THE SAME ADHESIVE. PLEASE USE MASKING TAPE TO SECURE THE ANGLE IN PLACE WHILE THE ADHESIVE IS SETTING.
13. BEFORE THE MASKING IS PULLED OFF, USING A CLOTH OR A ROLLER, BRUSH OUT THE FITTED SHEETS TO EXPEL ANY AIR THAT MAY HAVE BEEN TRAPPED THEN USE GEOCEL 799 TO SEAL AROUND TRIMS ETC. THERE SHOULD BE NO GAPS LEFT IN THE SYSTEM WHEN FITTED CORRECTLY.
14. THE SHEET SHOULD NOT REACH A MAXIMUM TEMPERATURE OF 55 deg AT ANY TIME

The above are guidelines only and are based on tests and past installations. Please note that there may be exceptional circumstances where the substrate is contaminated, excessive moisture in the air or extremely hot or cold conditions



**FIG 1**



**FIG 2**



**FIG 3**

