CLADDING TO CLADDING INTERFACE

- M8x65mm Long G.I. Anchor Bolt
- 40x40x100x4mm thk. aluminium bracket with slotted holes
- 40x40x4mm thk. alu. continuous angle
- M8x25mm long nut and bolt with large washer
- 25mm long ST/ST screw
- 10mm thick sealant with backing rod
- 20x20x75x2mm thk. aluminium cleat
- ALUBOND USA A.C.P panel
CLADDING TO STRUCTURAL WALL INTERFACE

- ALUBOND USA panel
- 40x40x4mm thick aluminium continuous angle
- M8x65mm long G.I. anchor bolt
- 25mm long ST/ST screw
- 4mm thick alu. pop rivet
- 20x20x75x2mm thick alu. cleat
- Sealant with backing rod

Alubond USA
Aluminum Composite Panel
FIXING DATA
CIRCULAR COLUMN DETAIL ON A STEEL STRUCTURE

- ALUBOND® panel
- Silicon with backing rod
- M8x25mm long nut, bolt and washer
- 40x40x4mm thk. aluminium angle
- 40x40x100x4mm thk. aluminium bracket
- Steel section (by others)

Alubond®
Aluminium Composite Panel
FIXING DATA
CLADDING AT PARAPET COPPING

- M8x65mm long G.I. anchor bolt
- 25mm long ST/ST screw
- 40x40x4mm thk. Alu. continuous angle
- 4mm thk. aluminium pop rivet
- Silicon with backing rod
FIXING ACCESSORIES

- Bracing if required
- 25mm long ST/ST screw
- M8x25mm long G.I. nut, bolt and large washer
- M8x65mm long G.I. anchor bolt

Alubond USA
Aluminum Composite Panel
FIXING DATA
FIXING ACCESSORIES

1. M8x65mm long anchor bolt
2. M8x25mm long nut & bolt
3. 25mm long screw
4. Aluminium pop rivet

5. Sealant with backing rod
6. 20x20x2mm thk. aluminium angle
7. 40x40x4mm thk. x 100mm long aluminium bracket
8. 40x40x3mm thk. aluminium continuous angle
CIRCULAR COLUMN DETAIL ON A CONCRETE STRUCTURE

- 4mm thk. ALUBOND U.S.A cladding panel
- Sealant with backing rod
- 25mm long ST/ST steel screw
- 40x40x3mm thk. aluminium angle
- M8x25mm long nut, bolt and washer
Silicon with backing rod
4mm thk. ALUBOND_U.S.A panel
4mm thk. aluminium pop rivet
20x20x75x2mm thk. aluminium cleat rivetted to A.C.P panel
METHOD OF PANEL LAMINATION

- 3 or 4mm thk. ALUBOND A.C.P panel laminated on aluminium strips at every 600mm C/C
- Metal to metal adhesive
- 100mm wide x full length aluminium strip screwed to calcium silicate board for support
- 0.5mm thk. G.I. furring channel screwed to structural wall
- 12.5mm thk calcium silicate board screwed to furring channel
- Structural or block wall

25mm long stainless steel screw with fisher plug

25mm long G.I. screw
PART VIEW OF PANEL LAMINATION
REAR VIEW OF ALUBOND® USA FABRICATED PANEL

3 or 4mm thk. ALUBOND® USA panel
4mm thk. aluminium pop rivet
20x20x75x2mm thk. aluminium cleat
Corner lock
CONCRETE COLUMN LAMINATION

- 5 mm wide Silicon Groove
- Alubond u.s.a Panel Pasted to Plywood with Silicone
- Silicon Paste
- Concrete Column
- 1” Thk. Wooden Piece Screwed to R.C.C. Column
- 6 mm Thk. Plywood Fixed to wooden Frame
- 5 mm wide Silicon Groove
STEEL COLUMN LAMINATION

- 5 mm wide Silicon Groove
- Alubondu.s.a Panel pasted to Plywood with silicon
- 30 x 30 x 3 mm Thk M.S. Ring (600 mm C/C)
- 40 x 40 x 4 mm Thk M.S. Brackets Welded to Steel Column
- M8 x 20 Nut Bolt & Washer
- Steel Column
- 9 mm Thk. Plywood fixed to M.S. Frame
- 5 mm wide Silicon Groove