Facade System



Ventilated facade EL-CB-CH-T 45 S

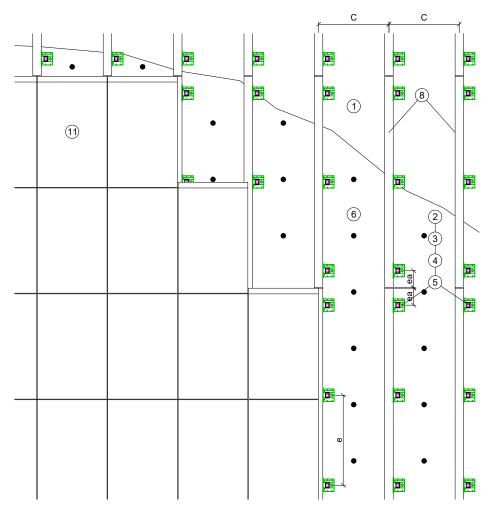
Flemental-Concrete Bracket-CH-"T" 45 Stacbond

Stacbond, Two aluminium sheets and an inner core of thermoplastic base and mineral charge

4mm Stacbond Panel thickness Face Fix onto 1-layer . Metal substructure

Contents:

- 01 SYSTEM LAYOUT
- 02 BRACKET TYPES AVAILABLE
- 03 BASE DETAIL
- 04 HORIZONTAL PANEL JOINT DETAIL
- 05 JOINT PROFILE DETAIL
- 06 GENERIC PARAPET DETAIL
- 07 VERTICAL JOINT DETAIL
- 08 EXTERNAL CORNER DETAIL
- 09 INTERNAL CORNER DETAIL
- 10 WINDOW CILL DETAIL
- 11 WINDOW HEAD DETAIL
- 12 WINDOW REVEAL DETAIL



- 1... Untergrund
- 2... SPIDI max Thermostop
- 3... SPIDI max Wall support
- 4... SPIDI max
- 5... Fastener (depending on the condition of the substrate)
- 6... Thermal insulation
- 8... System profile vertical
- 11... Facade cladding

- C... Distance between profiles
- e... Wall support spacing
- ea. Bracket border distance



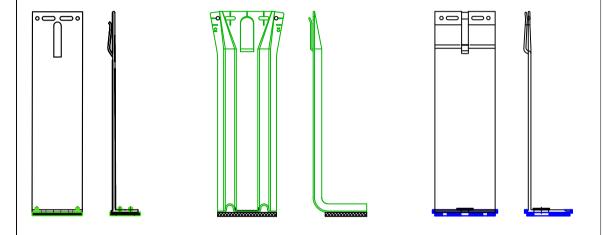
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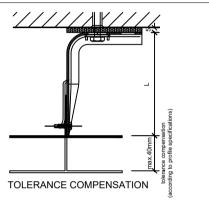
Dublin 18, D18 A264 Phone: +353 (0)1 293 8951 Email: info@elemental.ie

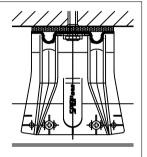
Drawing Title	SYSTEM LAYOUT										
Drawing No.	01	System:	EL-MSF Stacbond	Size:	Α4	Scale:	NTS	Drawn:	v.c.	Rev.	01

BRACKET TYPES AVAILABLE FROM ELEMENTAL



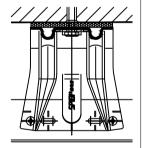
SPIDI MAX BRACKETS LENGTH





SLIDING POINT

SPIDI-m wall brac		SPIDI-max wall bracket				
description	length L	description	length L			
SPIDI max 65/80	65	SPIDI max 480/80	480			
SPIDI max 85/80	85	SPIDI max 510/80	510			
SPIDI max 110/80	110	SPIDI max 540/80	540			
SPIDI max 135/80	135	SPIDI max 570/80	570			
SPIDI max 160/80	160	SPIDI max 600/80	600			
SPIDI max 170/80	170	SPIDI max 630/80	630			
SPIDI max 185/80	185	SPIDI max 660/80	660			
SPIDI max 210/80	210	SPIDI max 690/80	690			
SPIDI max 240/80	240	SPIDI max 720/80	720			
SPIDI max 270/80	270	SPIDI max 750/80	750			
SPIDI max 300/80	300	SPIDI max 780/80	780			
SPIDI max 330/80	330	SPIDI max 810/80	810			
SPIDI max 360/80	360	SPIDI max 840/80	840			
SPIDI max 390/80	390	SPIDI max 870/80	870			
SPIDI max 420/80	420	SPIDI max 900/80	900			
SPIDI max 450/80	450	special length	on request			



FIXED POINT



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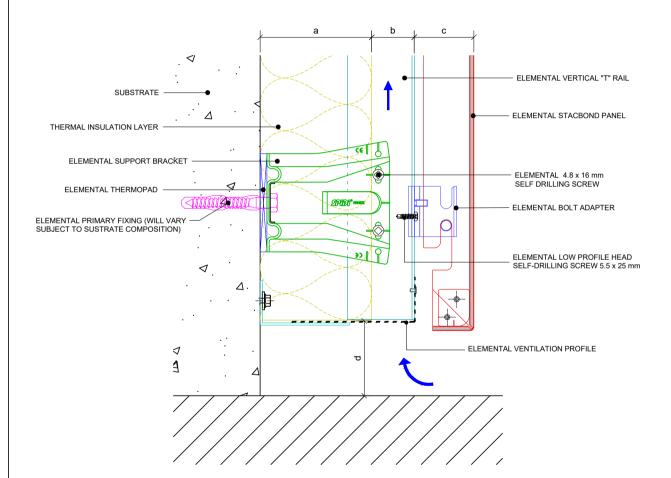
Sandyford

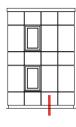
Dublin 18, D18 A264

Phone: +353 (0)1 293 8951

Email: info@elemental.ie

Drawing Title			BRA	CKET	TYP	ES AV	AILABI	.E			
Drawing No.	02	System:	EL-MSF Stacbond	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev.	01





	Dimensions						
а	Insulation thickness (varies)						
b	Free vertical ventilation gap						
С	Height of the facade cladding						
d	Distance min. 50mm						
a+b	Clad Zone						

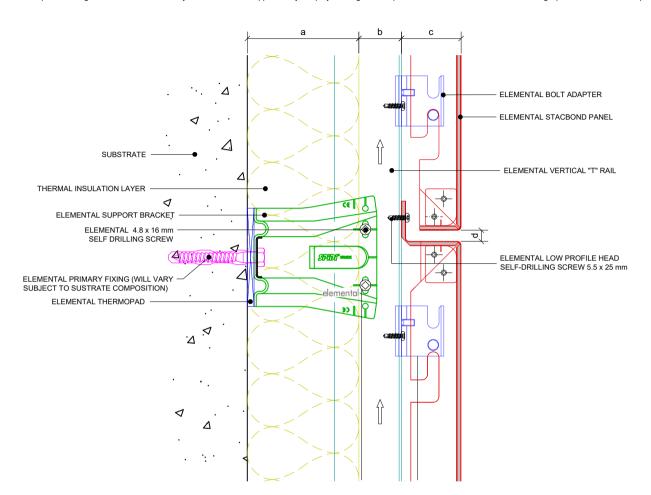
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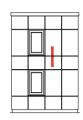


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Drawing Title		ELEM	IENTAL ST	ACBO BAS			45 FL	AP - M	SF	
Drawing No.	03	System:	EL-MSF	Size:	A4	Scale:	NTS	Drawn:	v.c.	Ī





	Dimensions
а	Insulation thickness (varies)
b	Free vertical ventilation gap
С	Height of the facade cladding
d	Panel joint - min 10mm
a+b	Clad Zone

V.C.

01



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Sandyford
Dublin 18, D18 A264
Phone: +353 (0)1 293 8951
Email: info@elemental.ie

Drawing Title		ELEM	MENTAL ST HORIZON	-					3F
Drawing No.	04	System:	EL-MSF	Size:	Α4	Scale:	NTS	Drawn:	v.

 These drawings are indicative only, for use as a quide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes & quantities of panels. Any project details and calculations supplied by Elemental Architectural Cladding Specialists are provided in good faith and should always be checked and approved by the project engineer responsible. Elemental Architectural Cladding Specialists will not accept any liability should the system be designed / installed incorrectly. ELEMENTAL THERMOPAD ELEMENTAL SUPPORT BRACKET ELEMENTAL 4.8 x 16 mm SELF DRILLING SCREW ELEMENTAL PRIMARY FIXING (WILL VARY SUBJECT TO SUSTRATE COMPOSITION) . ELEMENTAL VERTICAL "T" RAIL THERMAL INSULATION LAYER SUBSTRATE ত্ ELEMENTAL STACBOND PANEL ELEMENTAL BOLT ADAPTER ELEMENTAL LOW PROFILE HEAD SELF-DRILLING SCREW 5.5 x 25 mm **Dimensions** Insulation thickness (varies) а b Free vertical ventilation gap Height of the facade cladding С Profile joint - min 10mm d a+b Clad Zone ELEMENTAL STACBOND CH - "T" 45 FLAP - MSF **Elemental Architectural Cladding Specialists** Drawing Title #29 The Cubes Offices, Beacon South Quarter, JOINT PROFILE DETAIL Sandyford Dublin 18, D18 A264 EL-MSF Phone: +353 (0)1 293 8951

05

System:

Size:

Α4

Scale:

NTS Drawn:

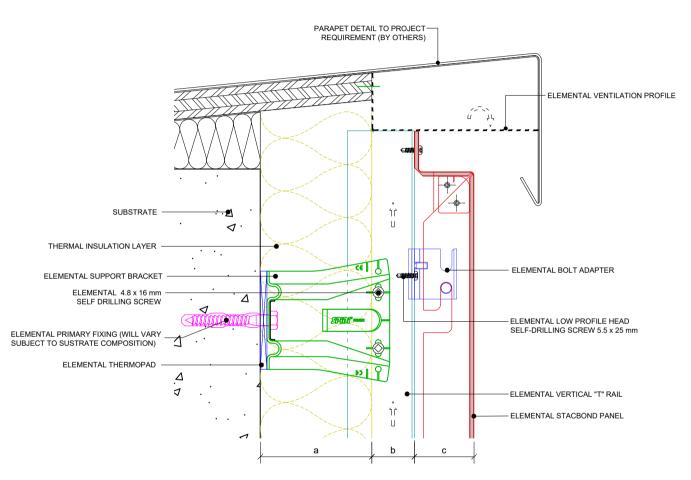
V.C.

Rev.

01

Drawing No.

Email: info@elemental.ie



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	Dimensions					
а	Insulation thickness (varies)					
b	Free vertical ventilation gap					
С	Height of the facade cladding					
a+b	Clad Zone					

V.C.

Rev.

01



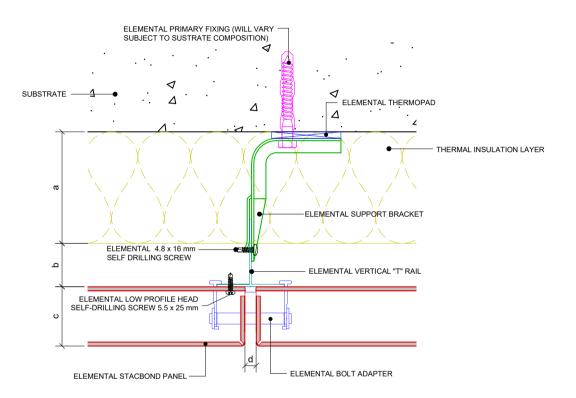
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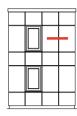
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Email: info@elemental.ie

Drawing Title		ELEN	IENTAL ST GENE		–	CH - "T" PET DE		AP - M	SF
Drawing No.	06	System:	EL-MSF	Size:	Α4	Scale:	NTS	Drawn:	v.

Stacbond





Dimensions					
а	Insulation thickness (varies)				
b	Free vertical ventilation gap				
С	Height of the facade cladding				
d	Panel joint - min 10mm				
a+b	Clad Zone				



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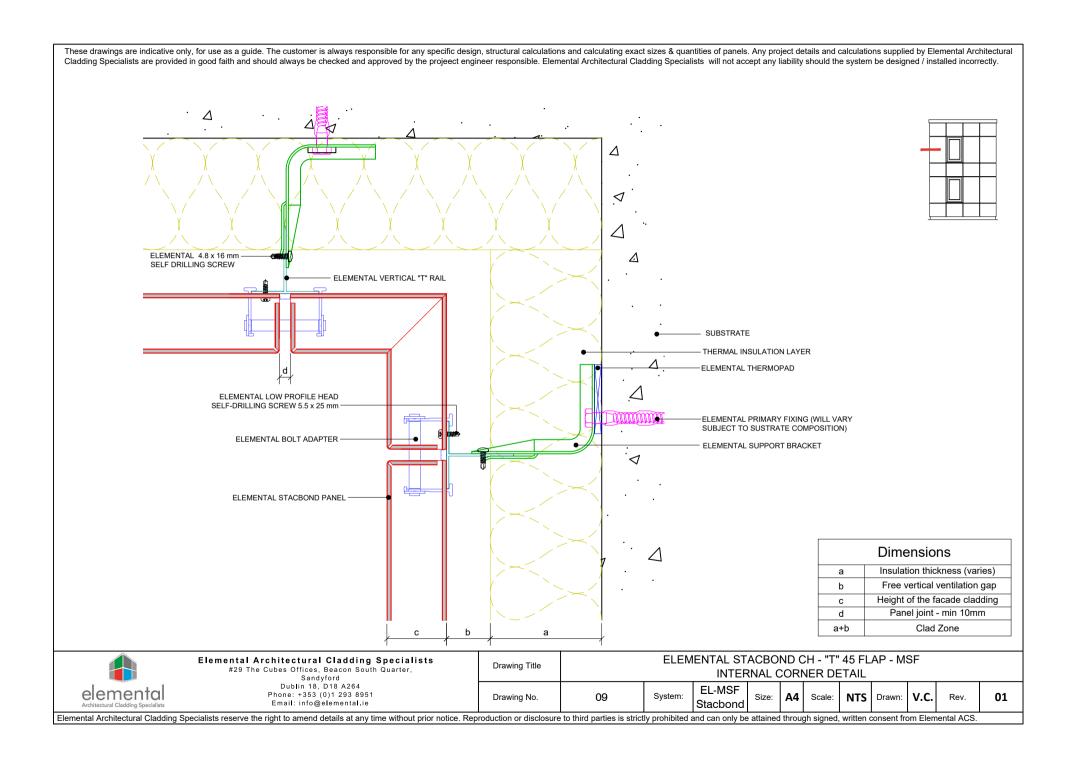
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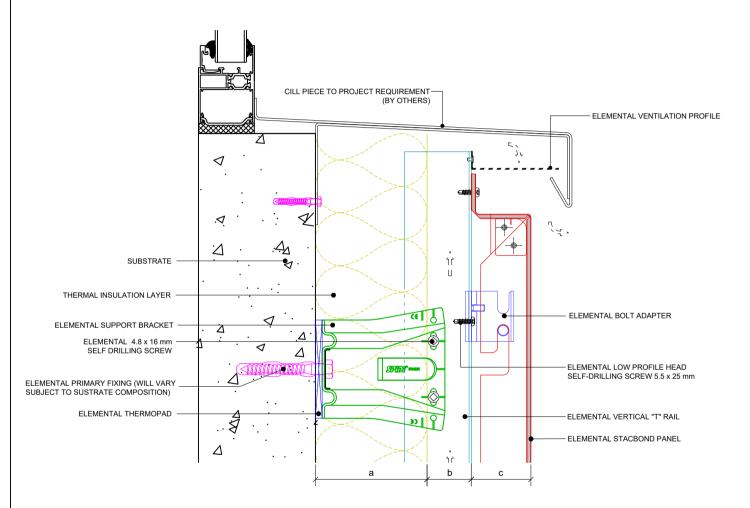
Drawing Title		E
Drawing No.	07	Sys

ELEMENTAL STACBOND CH - "T" 45 FLAP - MSF VERTICAL JOINT DETAIL

em: EL-MSF Stacbond Size: A4 Scale: NTS Drawn: V.C. Rev. 01

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	Dimensions					
а	Insulation thickness (varies)					
b	Free vertical ventilation gap					
С	Height of the facade cladding					
a+b	Clad Zone					

01



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Phone: +353 (0)1 293 8951 Email: info@elemental.ie

		-				
WINDOW CILL DETAIL						
Drawing Title ELEMENTAL STACBOND CH - "T" 45 F	ELEMENTAL STACBOND CH - "T" 45 FLAP - MSF					

Size:

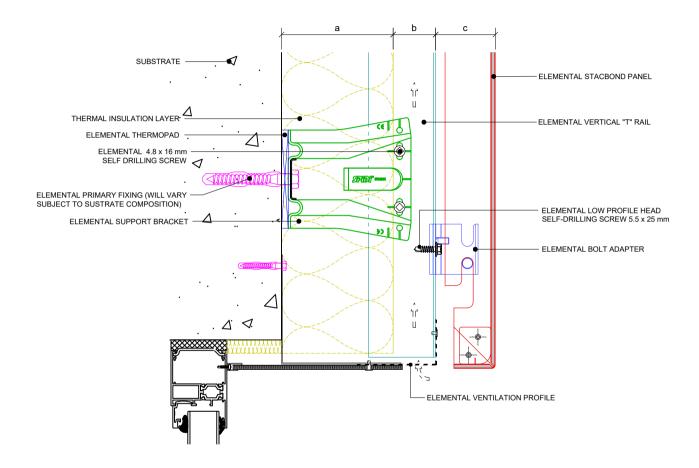
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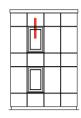
NTS Drawn:

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10

Drawing No.





Dimensions					
а	Insulation thickness (varies)				
b	Free vertical ventilation gap				
С	Height of the facade cladding				
a+b	Clad Zone				

01

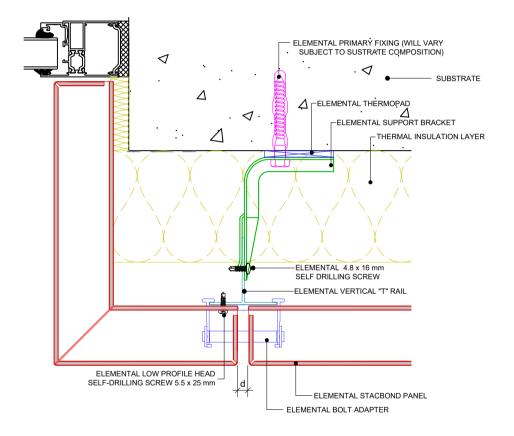


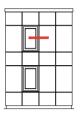
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Drawing Title	awing litle						TACBOND CH - "T" 45 FLAP - MSF NDOW HEAD DETAIL					
Drawing No.	11	System:	EL-MSF	Size:	A4	Scale:	NTS	Drawn:	v.c			

Stacbond





Dimensions				
а	Insulation thickness (varies)			
b	Free vertical ventilation gap			
С	Height of the facade cladding			
d	Panel joint - min 10mm			
a+b	Clad Zone			



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Drawing Title		
Drawing No.	12	S

ELEMENTAL STACBOND CH - "T" 45 FLAP - MSF WINDOW REVEAL DETAIL

System: EL-MSF Stacbond Size: A4 Scale: NTS Drawn: V.C. Rev. 01