FRAMETEK STEEL FRAMING SPECIALISTS

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Below is a general guideline for screw type, size and consumption for cladding.
Refer also to the Frametek website for downloadable details available for free.

Materials selection - E2/AS1 Table 20

	Exposure	Coating
Screws – galvanised steel, painted or unpainted, to AS 3566: Part 2	Enclosed	Class 3
	Sheltered	Class 4
	Exposed	Class 4

External Timber

	Estimated number of fixings per-		Suggested Screw Type (gauge, TPI, length), Driver and Tip
Cavity battens 40x19 fixed @ **600** crs	L/m	5	6g 20 X 50 CSK SQ. (Wing-Tek or Surefast)
Cavity battens STRUCTURAL 40x35 @ **300** crs	L/m	10	10g 16 X 45 CSK SQ. (Wing-Tek or Surefast)
Fascia	L/m	5	6g 20 X 50 CSK SQ. (Wing-Tek or Surefast)
Ply (12mm on Cavity)	m²	25	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Ply Cover Battens	L/m	5	6g 20 X 50 CSK SQ. (Wing-Tek or Surefast)
Purlin (40 x 40) for Metal Tile	L/m	3	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Scribers	L/m	5	6g 20 X 50 CSK SQ. (Wing-Tek or Surefast)
Soffit mouldings	L/m	5	6g 20 X 50 CSK SQ. (Wing-Tek or Surefast)
Weatherboard - Bevelback (19mm)	m²	14	10g 16 X 75 CSK SQ. (Wing-Tek or Surefast)
Weatherboard - Shiplap (19mm Cedar or Pine)	m²	14	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Weatherboard (alternative in Structural Batten)	m²	14	8g Surefast x 50 CSK PHILLIPS COL S/S T316

External Fibre Cement

SHEET 4.5mm thick soffit linings	m²	15	10g 16 X 45 CSK SQ. (Wing-Tek or Surefast)
SHEET 6 ~ 9mm thick on Cavity	m²	20	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Weatherboard (7.5mm thick)			
180 plank	m²	14	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
230 plank	m²	11	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
300 plank	m²	9	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Weatherboard (STRATUM 10~12mm thick)	m²	14	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Weatherboard (NULINE 175 14mm thick)	m²	14	10g 16 X 75 CSK SQ. (Wing-Tek or Surefast)

External - Other

ARIDON - Insulated Weather Protection System	-	-	Installed by ARIDON
Brick ties (supplied by the bricklayer)	m²	6	12g 14 X 35 HEX W/F TEK NO NEO
Inter-story "Z" flashing	L/m	3	30-40mm hardened brads
MgO panel	-	-	Refer specific design requirements
PVC Internal ~ External Corner under flashings	L/m	3	10g 16 X 30 WAFER HEAD PHILLIPS TEK
Vermin strip / Cavity closures	L/m	3	10g 16 X 30 WAFER HEAD PHILLIPS TEK
Window closer strip	L/m	3	10g 16 X 30 WAFER HEAD PHILLIPS TEK
XPS / EPS	-	-	Refer specific design requirements

Internal

Gypsum Board - Fine Thread	#2 Phillips	Double Bugle Head	Self Drilling Point	Yellow Zinc	Red Strip			
Wall	m²	9	6g X 32 ~ 40 GYPSUM TEKS FINE (Collated)
Ceiling	m²	12	6g X 32 ~ 40 GYPSUM TEKS FINE (Collated)
Door jamb fixings	Each	10	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)
Skirting / architrave fixings	L/m	6	30-40mm hardened brads + Paintable PVA
Window jamb fixings per window	Each	12	10g 16 X 65 CSK SQ. (Wing-Tek or Surefast)

General Check List

Safety first -
    Earmuffs
    Glasses
    Non-slip gloves
    Tweezers

Aviation Tin Snips -
    Left hand
    Right hand
    Straight
    90° offset

Battery Drill, Impact
    Driver (charger)

Cardboard for Templates

Clamps –
    adjustable "C"
    adjustable Flat
    vice

DPC

Driver Bits –
    8mm Hex (short)
    8mm Hex (long)
    Phillips
    Extension

Frametek Construction
    Manual –
    Please download from
    www.frametek.co.nz

Glue adhesive

Hole saw φ34mm

Hole punch

Magnetic –
    Level
    Stud finder

Permanent Markers

Set Square

Silicon –
    pipes to grommets

Tape measure

Utility Knife (snap blade)

Vacuum for Swarf