

# Kalzip FC rainscreen system – Typical NBS format specification clauses

## Technical information

TIS-NBS-FC

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## Section H92 NBS specification clauses Kalzip FC rainscreen system

### Introduction

This technical information sheet gives NBS format specification clauses for a typical Kalzip FC rainscreen cladding system. The specification clauses are based upon **NBS section H92 – rainscreen cladding**.

The specification clauses shown are based on the following build up:

- Aluminium Façade Panel
- Modular Click Rail within Air Cavity
- Support System
- Thermal Insulation Layer
- Thermal Break
- Internal Leaf

Other variations would require the clauses to be amended accordingly

### Note:

NBS format specification clauses can be tailored to suit individual projects and performance requirements. Please consult the relevant Kalzip regional sales manager.



## H92 Rainscreen Cladding

To be read with Preliminaries/General conditions

### 120 Rainscreen Cladding

- Manufacturer: Kalzip Ltd  
Haydock Lane  
Haydock  
St. Helens  
Merseyside  
WA11 9TY
- Telephone: 01942 295500  
Fax: 01942 295508
- Product reference: Kalzip FC rainscreen system
- Panel Length: min. 1,500 mm; max. 10,000 mm
- Panel Thickness: 1.0mm or 1.2mm(250mm, 300mm, 350mm, 400mm high); or 1.2mm (450mm, or 500mm high)
- Panel Edge Return: Folded
- Panel Profile Depth: 30mm
- Panel Material: *Stucco Embossed Aluminium EN AW 6025 (AlMg2.5SiMnCu); or Painted Aluminium EN AW 3004 (AlMn1Mg1); or Painted Aluminium EN AW 3005 (AlMn1Mg0.5)*
- Panel Finish: *Non-Perforated; or Perforated;*
- Panel Colour: Project specific refer to Kalzip for available colours and finishes
- Panel Joint: Open
- Protective Film: Remove corner of protective film before installation of each panel. Remove protective film within three weeks of installation
- Panel Fixing: Clipped to: Modular click rails :
  - *SE Structurally Effective Modular Click Rail; or*
  - *SEL Structurally Effective Modular Click Rail with integrated web or*
  - *NE Non-Effective Modular Click Rail; or*
  - *Mono-Click Bracket*

- *Click Rail / Mono- :* Aluminium with Plastic Insert  
*Click Bracket Material*
- *Click Rail / Mono- :* 1.5-2.0mm  
*Click Bracket Thickness*
- *Click Rail / Mono- :* 40mm  
*Click Bracket Width*
- *Click Rail / Mono- :* 35.2mm (Structurally Non-Effective); or  
*Click Bracket Depth* 55.2mm (Structurally Effective); or  
35.2mm (Mono-Click Bracket)
- *Click Rail Height:* 2950mm (250mm Panel Height); or  
2900mm (300mm, 450mm Panel Height); or  
3000mm (400mm Panel Height); or  
2700mm (500mm Panel Height)
- *Air Gap:* TBC
- *Breather Paper:* TBC
- *Insulation:* Depth to suit Building Regulations
- *VCL:* TBC
- *Support System:* *U-Section Wall Bracket; or*  
*Proprietary Adjustable Aluminium Sub-construction; or*  
*Horizontal Sub-construction*
- *Accessories:* As Kalzip Ltd's standard details and recommendations
- *Internal Wall:* Design by others