

Kalzip

# Kalzip FC Façade System – Typical NBS format specification clauses

## Technical information

TIS-NBS-FC  
23<sup>rd</sup> August 2011 – Issue V4

## Section H92 NBS specification clauses Kalzip FC Façade System

### Introduction

This technical information sheet gives NBS format specification clauses for a typical Kalzip FC Façade 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 Façade System
- Panel Length: min. 1,500 mm; max. 10,000 mm
- Panel Thickness: 1.0mm (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; or  
Micro-Ribbed*
- Panel Colour: Project specific
- 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: *Vertical Structurally Effective Modular Click Rail; or  
Vertical Structurally 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: 2930mm (250mm Panel Height); or*  
*2880mm (300mm, 450mm Panel Height); or*  
*2980mm (400mm Panel Height); or*  
*2680mm (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*