DOMUS FACADES
INTELLIGENT DESIGN

Tested by
Safety Company

MADE IN BRITAIN
ISO 9001 : 2015 REGISTERED

Kerf Cut Anchoring System DFS05

A NEW BREED OF SPECIALIST SYSTEMS

Environment Use: Internal and External - Open and closed joints
Panel Thickness: 30mm to 50mm
Cavity Range: 50mm to 300mm
Ingredients: Aluminium Alloy 6063 T6 (milled finish and PPC Black Panel Clips as standard
Stainless Steel A2 standard (or A4 for more aggressive environments)
Polypropylene
Facade Material: Choose from 1,000's of materials and finishes
Product Code: DFS05

Designed, Manufactured and Tested in the UK to BSi and CWCT Standards.

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A SYSTEM FOR THE SPECIALIST

The Kerf Cut Anchoring System is an ideal support system for a wide range of agglomerate stone, terrazzo and natural stone panels with a thickness range from 30mm to 50mm manufactured to BS1469. The system is designed for both stack & brick bond patterns whilst maintaining the standard 4 point connection for each panel to ensure load transfer equilibrium. Stress reduction and human error have been guiding principles of Domus Facades new range of support systems. Just some of the DFS06 features include:

- **Intuitive set out guide** - The carrier rails horizontal surface is relative to the top and bottom edge of the cladding panel making set out a much easier task to adapt to.
- **Panel clip independence** - If the panel has to be raised after a dry fit then simply use a standard horse shoe packer to raise the panel clip. You still achieve large mm2 area of load transfer to the rail.
- **On site adaptions** - No specialist equipment is required to form the kerf. So if a panel needs to be formed on site it can be done with the installers standard tools. (i.e. a grinder with dust control)
- **Movement** - There is a movement slot on each panel clip to reduce stress transfer between the carrier rails and the cladding panel when you have thermal movement cycles through the seasons.
- **Guidance** - Surface rebates guide best practice edge distances with the screw assembly. We have even punched a cross hair line into the movement point just to ensure the screw is fixed in the centre of the movement slot.
- **Single purpose use brackets** - Our dead load brackets use only fixed point holes. This ensures QA on the screw assembly i.e. a screw cannot be placed in a movement slot by accident.
- **Symmetrical loading** - The anchor locations on the dead load bracket are positioned so the load is symmetrically taken back to the substrate.
- **Stress reduced brackets** - Our flexible brackets are truly flexible. They are designed to move through the seasons temperature range and absorb deflection. The fixing points are set 100mm apart offering a shorter span between bracket points, reducing midspan deflection on vertical rails.