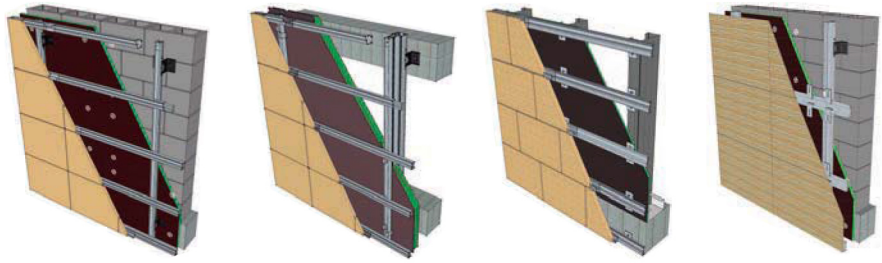

eclad

Stone Cladding Systems

TECHNICAL BROCHURE

the future of natural stone cladding

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Stone Cladding Systems

The origins of Eclad® began in the masonry business specializing in both handset and mechanical fixing of natural stone. With this background the company developed a worldwide knowledge in sourcing granites, marbles, limestones and sandstones. This knowledge together with fabricating expertise and teams of masonry craftsmen quickly established the company as leaders in their field.

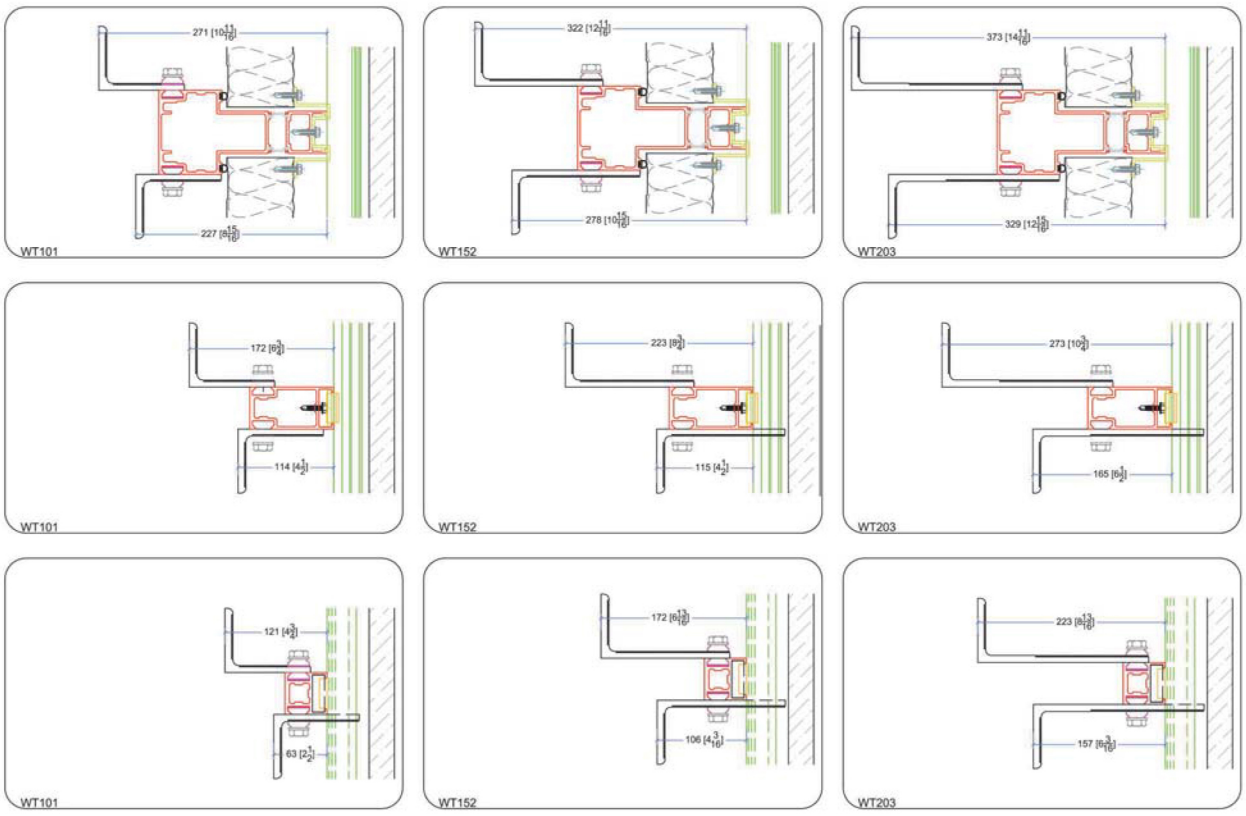
With advancements in the quarrying and fabrication of natural stone Eclad® recognised the need to develop innovative systems to utilise the benefits of these technologies. These new Eclad® systems often allow the use of thinner stone panels for greater economy, lighter construction and improved appearance while providing improved thermal efficiency and conserving natural resources for a greener approach. The modular aluminium support system affords faster more accurate installation delivering high performance cladding.

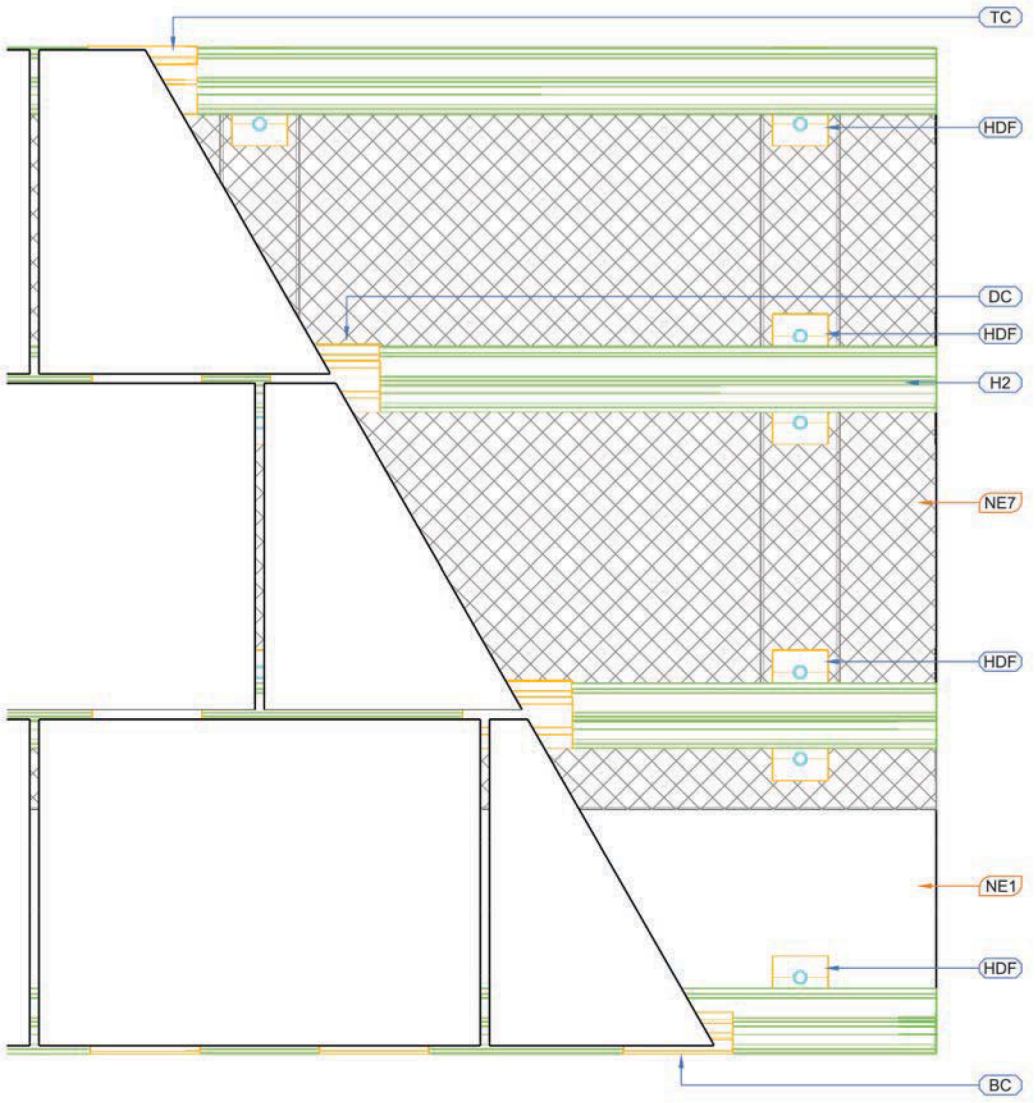
Eclad® systems have been successfully installed on projects large and small across Europe and in the United States including some landmark buildings for internationally renowned architects. With their worldwide sources for natural stone, their fabrication expertise and backed by a full design service, Eclad® are the natural choice for quality stone cladding.

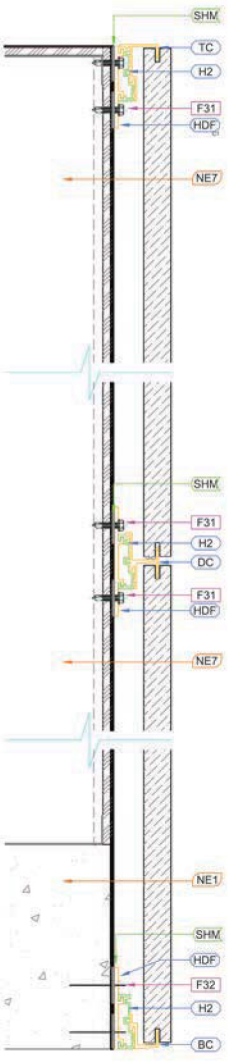
Eclad® systems are high performance cladding systems which have been developed to meet construction criteria in a variety of applications economically whilst delivering high speed accurate installation. Eclad® systems have been independently tested to the highest performance and come in combinations of the following versions:

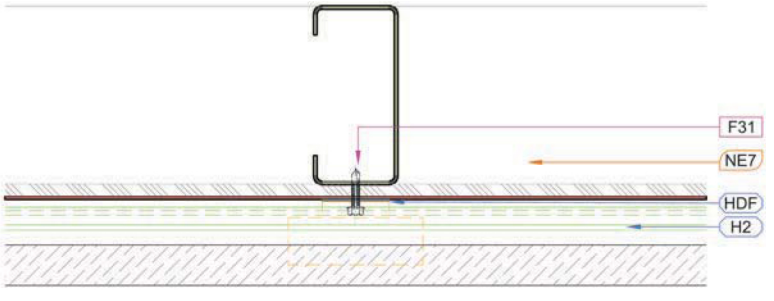
- The ESV (Eclad® Stone Veneer) system is designed for over cladding existing structures.
- The floor spanning ESW (Eclad® Stone Wall) system offers a totally independent fully integrated wall.
- The ESD (Eclad® Stone Direct) system is a horizontal based system designed for setting stone to block or stud walls, ideal for interiors.
- The EUC (Eclad® Under Cut) system permits the installation of panels by means of undercut hidden anchors and can be adapted to each of the three aforementioned systems.

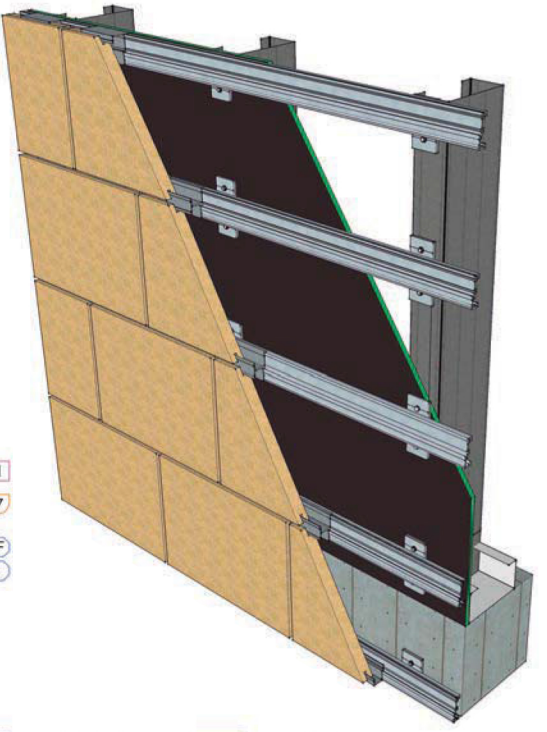
All these systems can be adapted for terracotta and other façade elements e.g. 1cm CRF (Carbon Fiber Reinforced) Stone Panels.



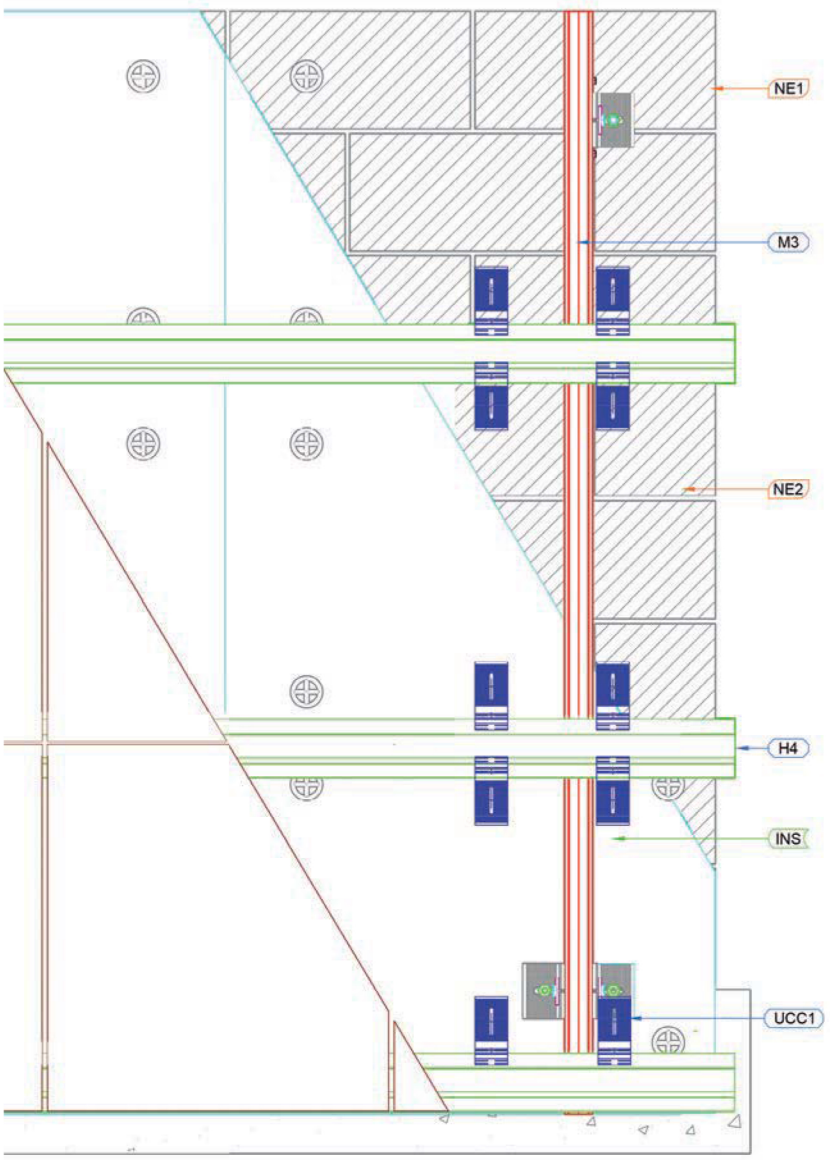


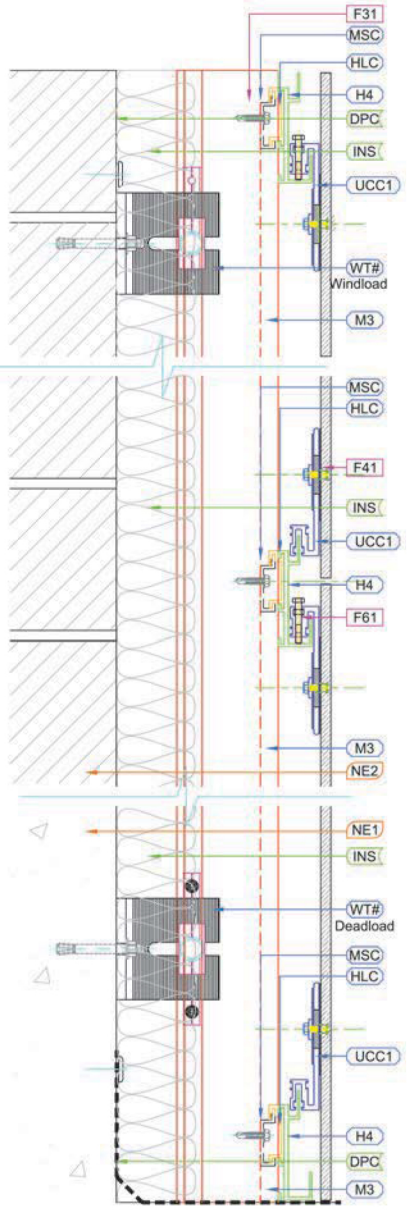


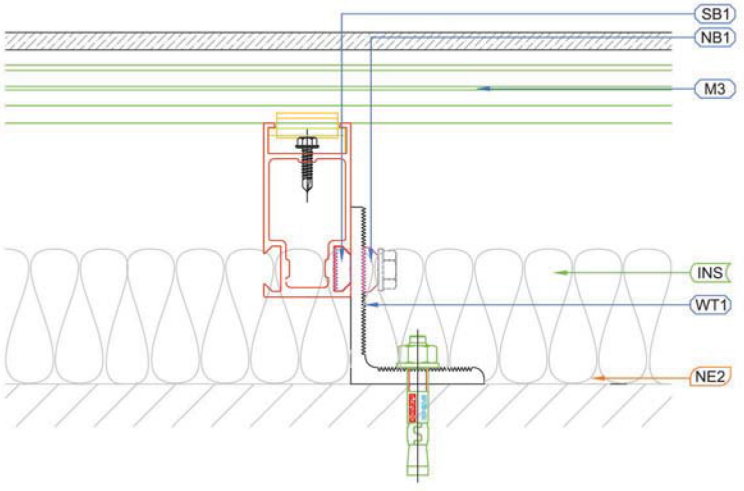


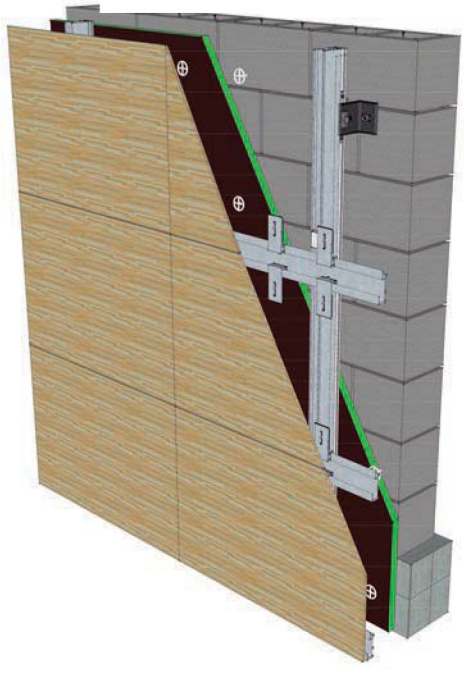


NE1	Concrete Slab.	H2	Horizontal Rail.	TC	Top Clip.	SHM	Shims.
NE7	SFS System.	HDF	Horizontail Direct Fixing.	DC	Dual Clip.	F31	Self Drilling Screw.
			Horizontail Direct Fixing.	BC	Bottom Clip.		

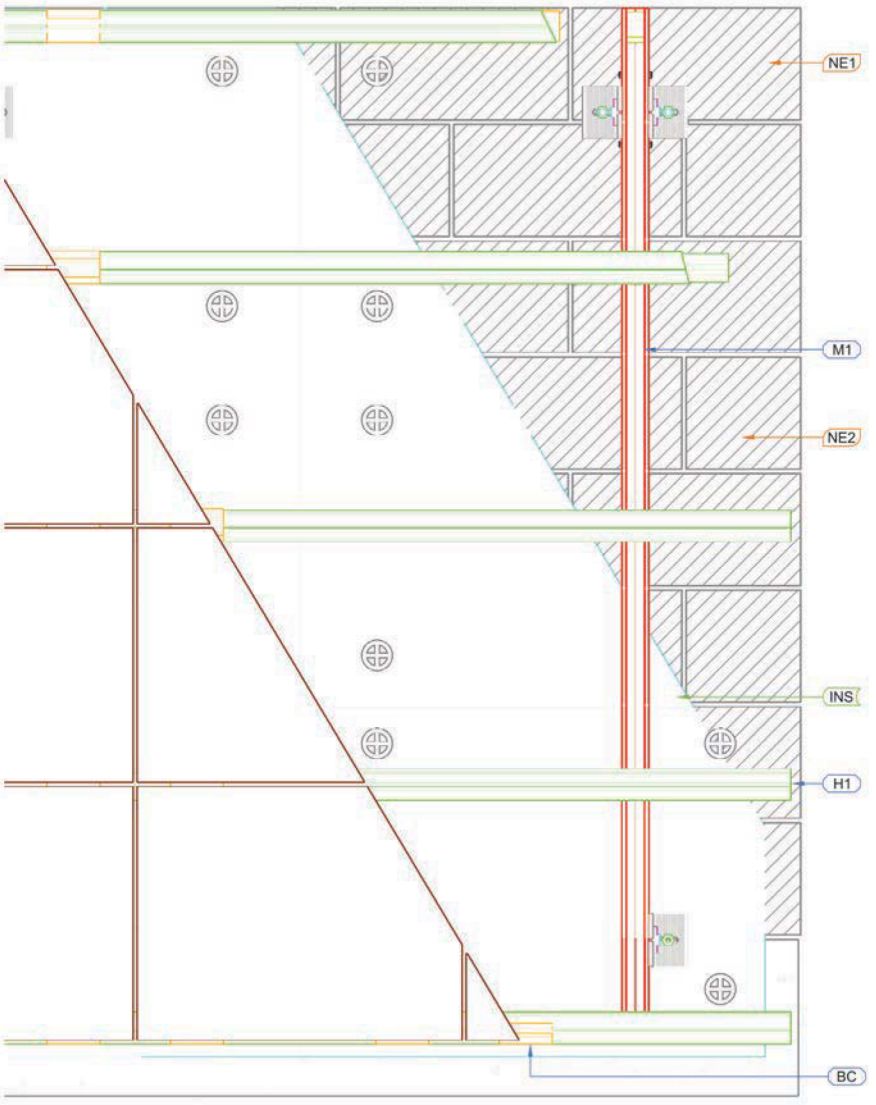


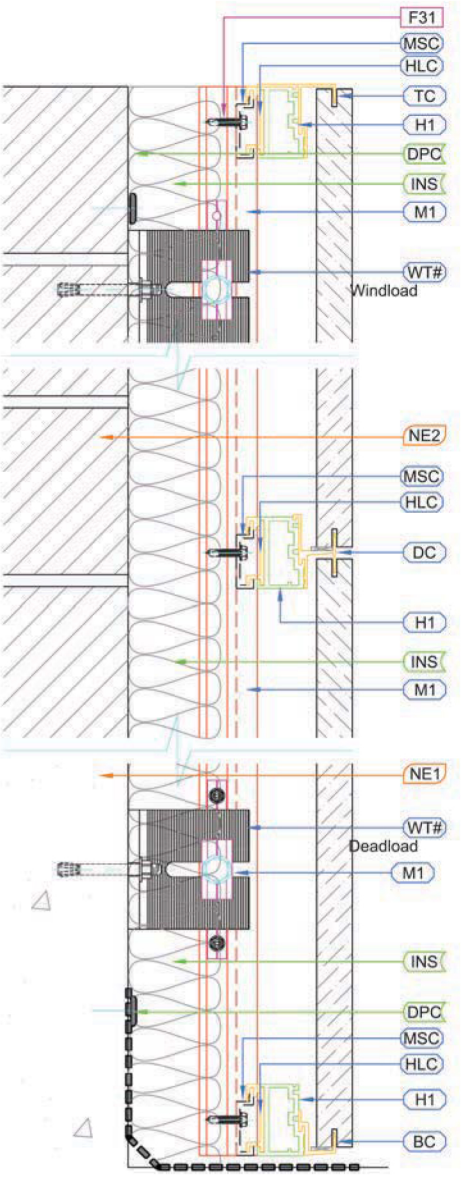


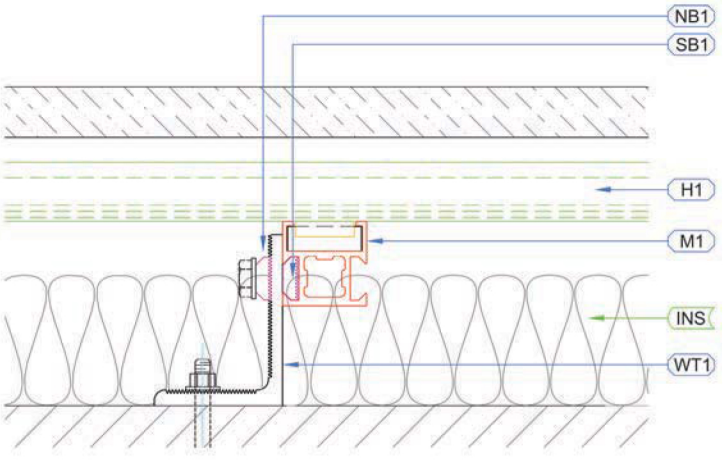


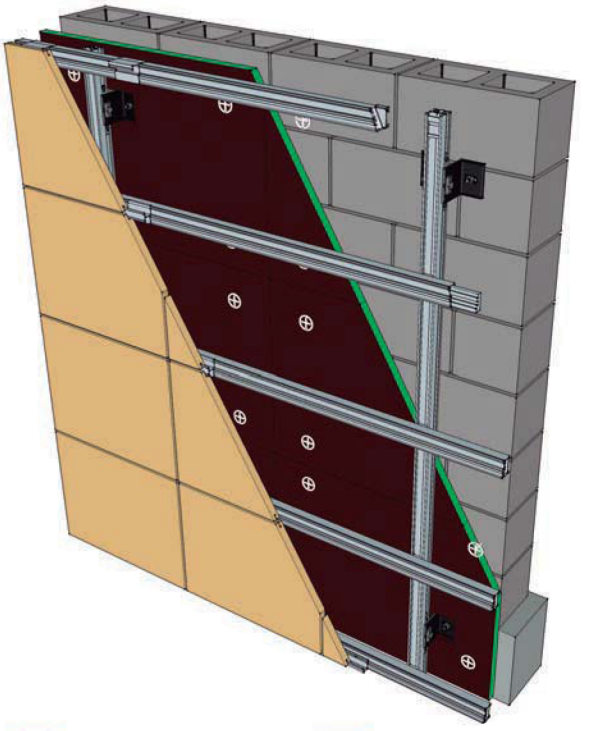


NE1	Concrete Slab.	WT#	Wall Tie Anchor.	M3.1	Mullion.	RCC	Rail Corner Connection.	DPC	Damp Proof Course.
NE2	Blockwork.	MSC	Mullion Support Clip.	H4	Horizontal Rail.	SB1	Slide Bar.	INS	Insulation.
NE4	Window System.	HLC	Horizontal Lock Clip.	UCC1	Horizontal Rail.	NB1	Nut Bar.	F31	Self Drilling Screw.
								F61	M6 Leveling Bolt.

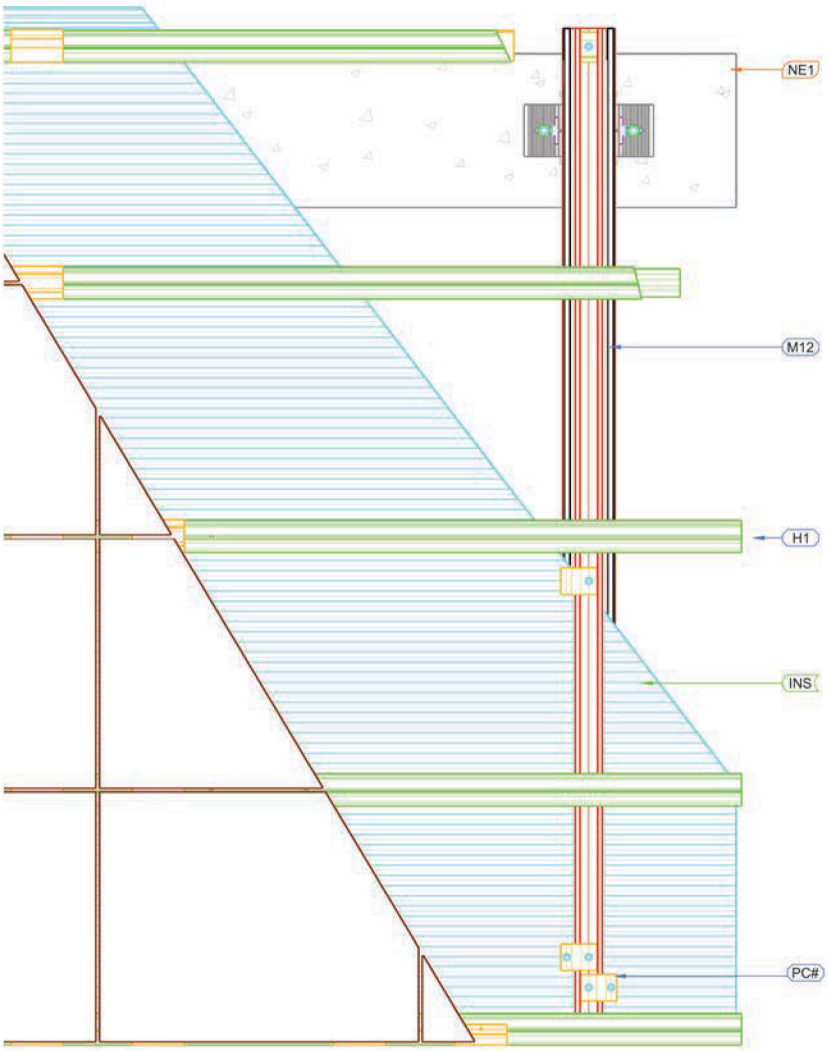


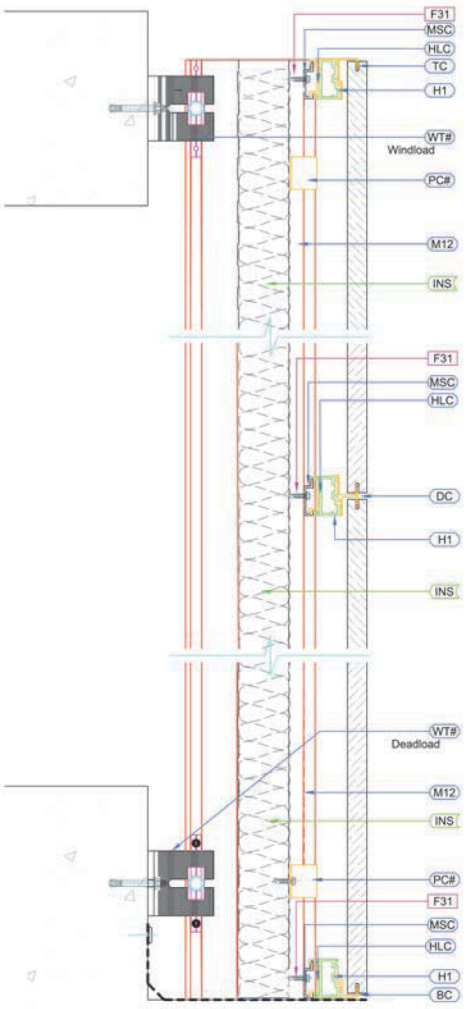


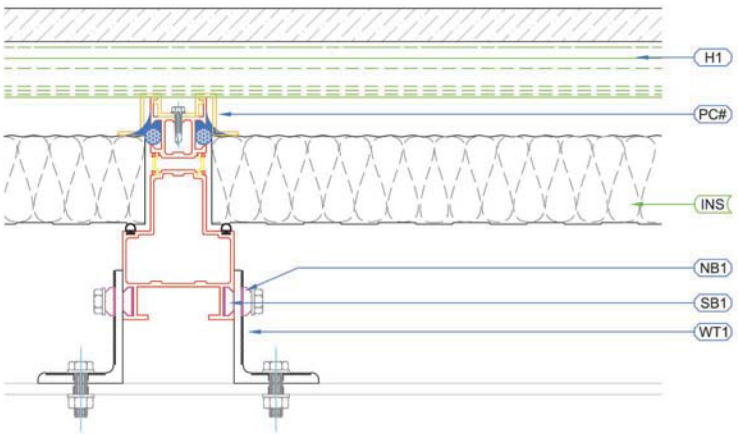


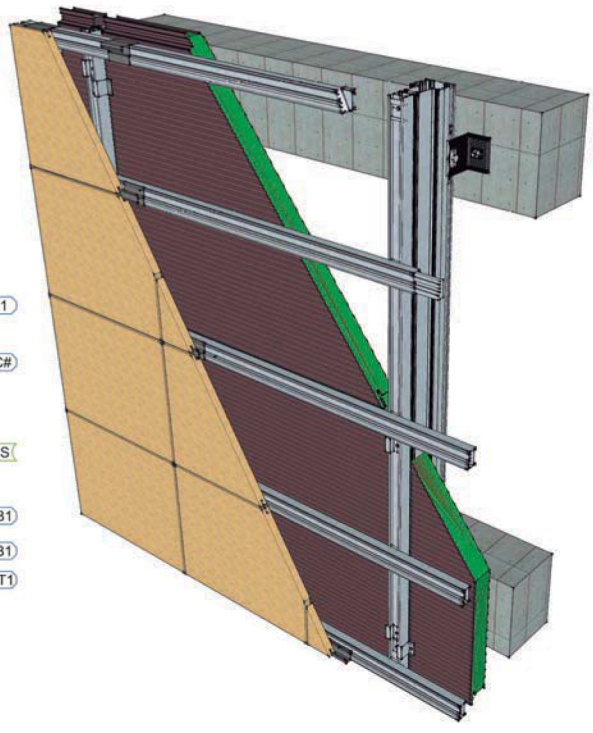


NE1	Concrete Slab.	WT#	Wall Tie Anchor.	M1	Mullion.	RCC	Rail Corner Connection.	DPC	Damp Proof Course.
NE2	Blockwork.	H1	Horizontal Rail.	TC	Top Clip.	SB1	Slide Bar.	INS	Insulation.
NE4	Window System.	MSC	Mullion Support Clip.	DC	Dual Clip.	NB1	Nut Bar.	F31	Self Drilling Screw.
		HLC	Horizontal Lock Clip.	BC	Bottom Clip.				









NE1	Concrete Slab.	WT#	Wall Tie Anchor.	M12	Mullion.	RCC	Rail Corner Connection.	DPC	Damp Proof Course.
NE4	Window System.	H1	Horizontal Rail.	TC	Top Clip.	SB1	Slide Bar.	INS	Insulation.
		MSC	Mullion Support Clip.	DC	Dual Clip.	NB1	Nut Bar.	F31	Self Drilling Screw.
		HLC	Horizontal Lock Clip.	BC	Bottom Clip.	PC#	Panel Clip.		

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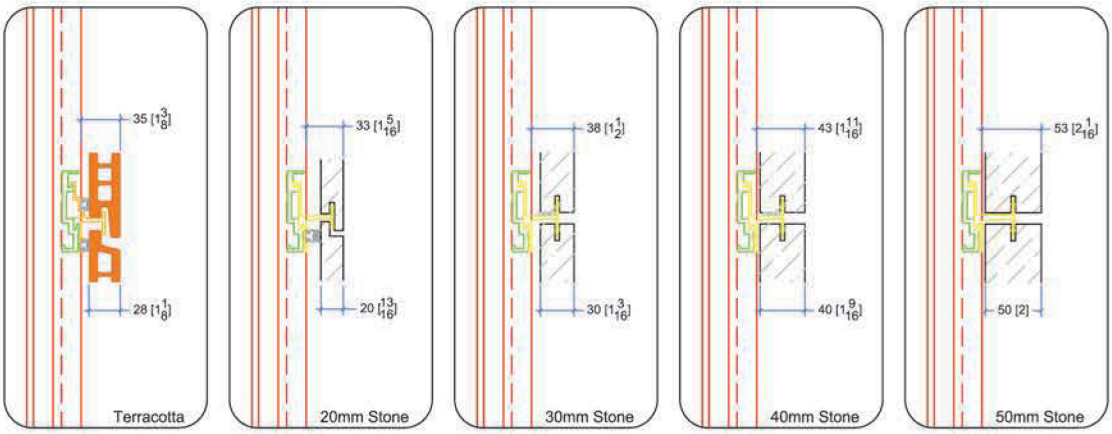
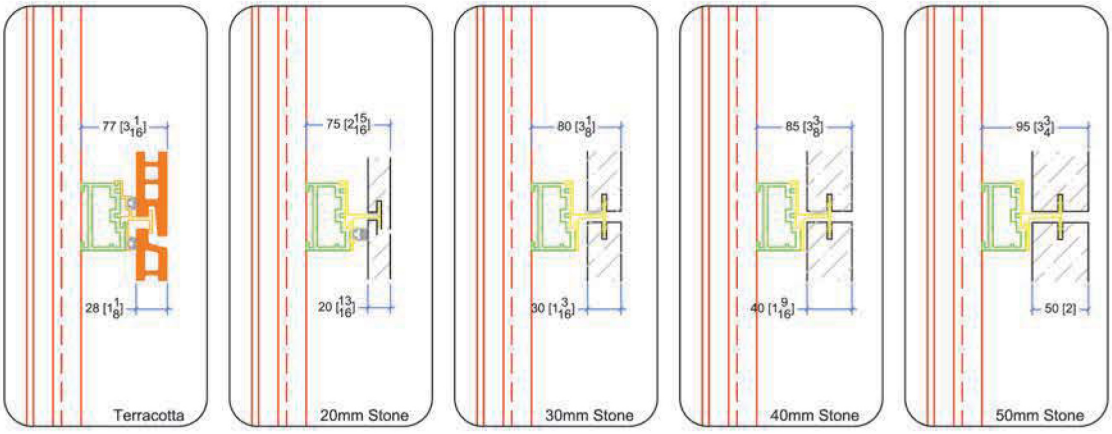
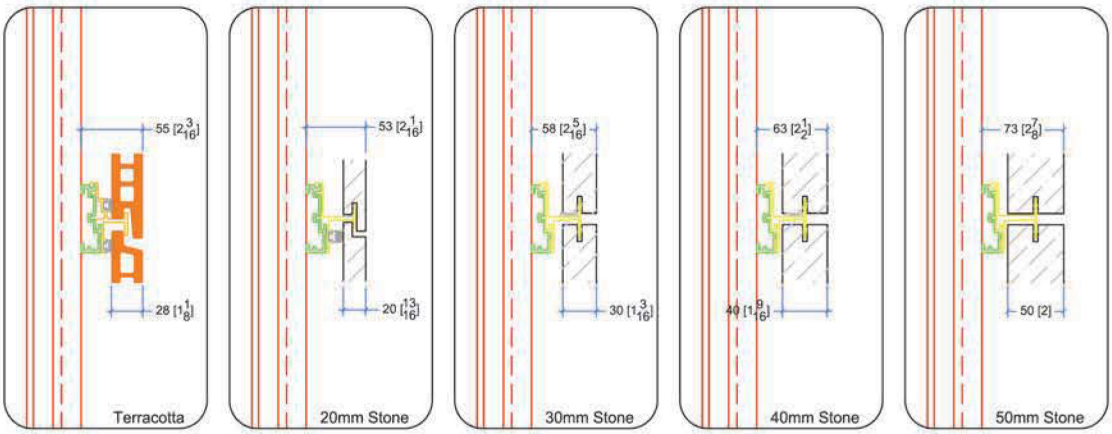
MSC2



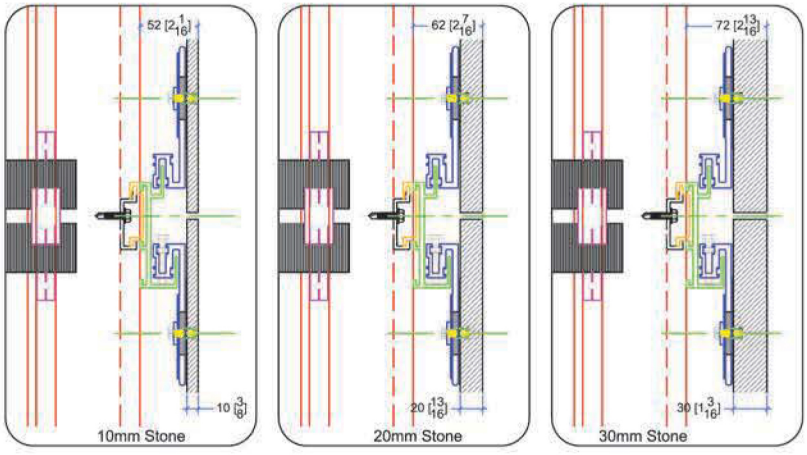
H1



H2



H3



Note:
Add 5 mm $\left(\frac{3''}{16}\right)$ when using HDF for ESD Systems

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