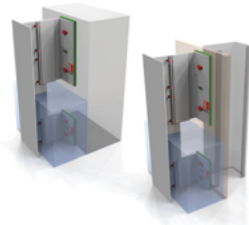


Systems Overview

► www.nvelope.com/systems



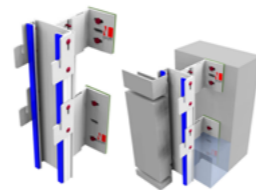
NV1



NV1 is a back frame system for vertical cladding applications. Suitable for face fixing cladding materials such as; ACM, fibre cement, high-pressure laminate, along with a wide range of other façade materials.

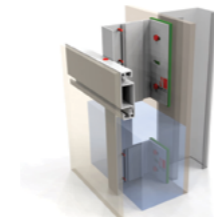
► www.nvelope.com/NV1

NV7



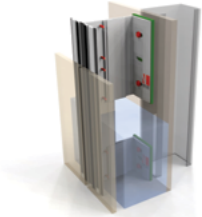
NV7 is a concealed fix cassette system. Suitable for Aluminium and Zinc cassette panels such as ACM or ZCM in vertical applications. It is secured using cassette hangers to provide a concealed fixing.

NV8



NV8 is the NVELOPE system for concealed fix / mechanically fixed and structurally bonded applications.

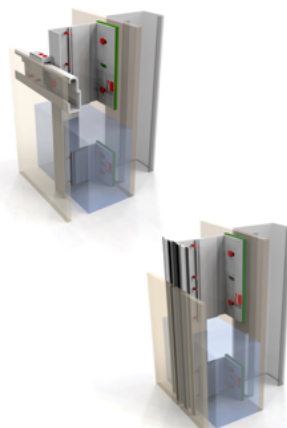
NV2



NV2 is a secret fix system for vertical cladding applications, using structural bonding (Sika). This system is suitable for a number of cladding materials including ACM, aluminium and stainless steel.

► www.nvelope.com/NV2

NV3 & NV4

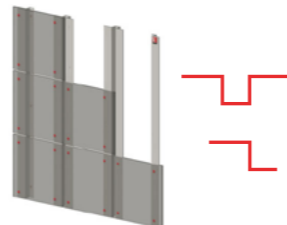


NV3 is a concealed mechanically fixed system. Horizontal profiles are fixed to the L or T rails. Rainscreen panels are then hung using hangers secured to the profiles. Suitable for HPL, ceramic, thin stone and more.

NV4 is the only suitable for Trespa Meteor HPL. It is a concealed mechanically fixed system. Horizontal profiles are fixed to the brackets. Rainscreen panels are then hung using hangers secured to the profiles.

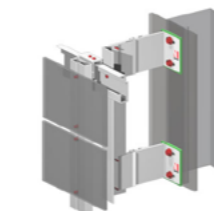
► www.nvelope.com/NV3

NV9



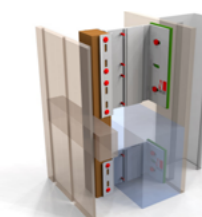
NV9 is the simplistic NVELOPE support system comprised of Omega and Zed profiles. This simplistic system does not allow for level and adjustment between the substrate and the front of the façade.

NV10



NV10 is the NVELOPE system is suitable for off-site / factory fixed application of face fixed or concealed fixed plank panelling.

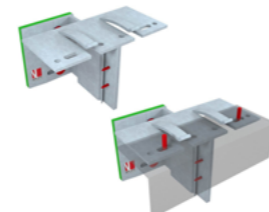
NV6



NV6 is the system used to support timber batten. A uni carrier that receives the batten is secured into the helping hand of the bracket. This system is suitable for any façade that needs a plywood substrate, e.g zinc & copper.

► www.nvelope.com/NV6

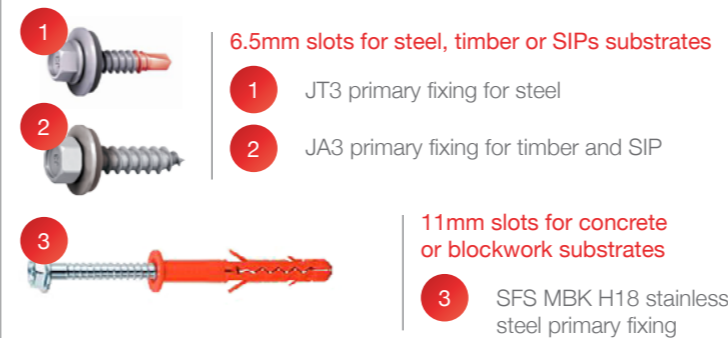
NH2



NH2 is the NVELOPE product that allows vertical brackets to receive horizontal L & T rails. Providing a horizontal system that is strong and fast to install.

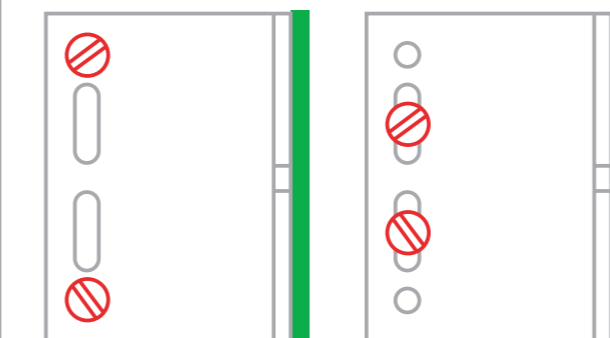
Generic - Cladding types	NV1	NV2	NV3	NV4 (ts200)	NV6	NV7	NV8	NV9	NV10	NH2
ACM	Ok	Ok				Ok	Ok	Ok	Ok	Ok
Aluminium	Ok	Ok				Ok	Ok	Ok	Ok	Ok
Brick slip	Ok							Ok	Ok	Ok
Ceramic	Ok	Ok	Ok				Ok	Ok	Ok	Ok
Fibre cement	Ok	Ok	Ok				Ok	Ok	Ok	Ok
Fibre concrete	Ok	Ok	Ok				Ok	Ok	Ok	Ok
GRC	Ok	Ok	Ok				Ok	Ok	Ok	Ok
GRP	Ok	Ok	Ok				Ok	Ok	Ok	Ok
Glass (non-vision)	Ok	Ok					Ok	Ok	Ok	Ok
HPL	Ok	Ok	Ok	Trespa			Ok	Ok	Ok	Ok
Photovoltaic	Ok					Ok	Ok	Ok	Ok	Ok
Render	Ok				Ok		Ok	Ok	Ok	Ok
Stainless steel	Ok	Ok			Ok	Ok	Ok	Ok	Ok	Ok
Terracotta	Ok							Ok	Ok	Ok
Timber	Ok				Ok			Ok	Ok	Ok
Timber laminate	Ok	Ok					Ok	Ok	Ok	Ok
Thin stone	Ok	Ok	Ok				Ok	Ok	Ok	Ok
Weatherboarding	Ok				Ok			Ok	Ok	Ok
Zinc	Ok				Ok	Ok		Ok	Ok	Ok

Primary Fixings



Fixed and Sliding points

FIXED POINT Absorbs dead loads. **SLIDING POINT** Absorbs dynamic loads & expansion.



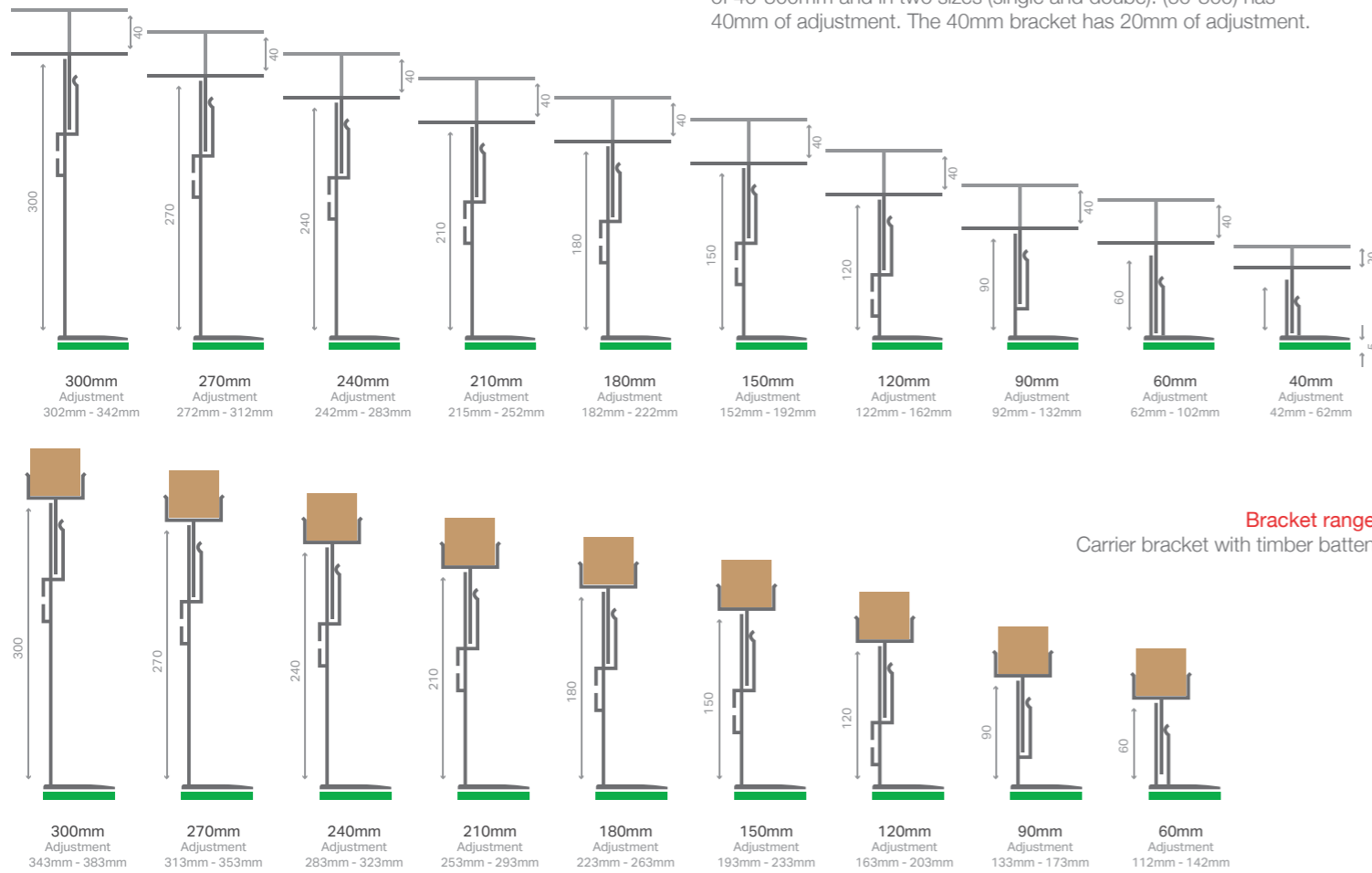
Please note: Please note: the correct fixed and sliding points on the helping hand bracket must be used. After adjustments are made for line and level, they are fixed using self-drilling stainless steel screws, SR2 (4.2 X16).

Site Checklist

To help with a smooth installation of our rainscreen support systems there are a few things to be taken into account. Please see check list below

- Has a project specific project builder been completed?
 - www.nvelope.com/project-builder
- If you or colleagues are new to our system, have you requested a tool box talk?
 - www.nvelope.com/toolbox
- Have you referred to our data sheets and installation guides available on our website?
 - www.nvelope.com/our-downloads
- Has a successful pull out test been completed?
 - www.nvelope.com
- Once these tasks have been completed and installation starts you can send our team a photo of a selection of brackets for technical to sign off or advise.
 - sitesupport@nvelope.com
 - **01707 333 396**

Standard bracket sizes & adjustment



Project Builder

The requirements for each façade and cladding system are always different.

Input to the project builder:

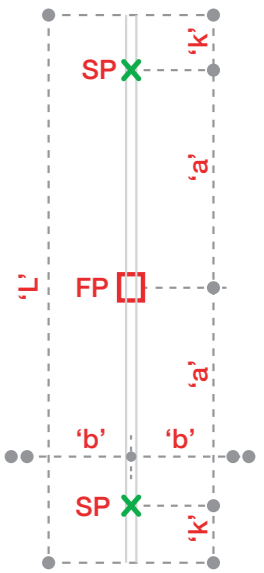
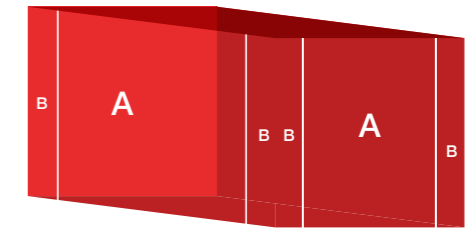
- Building location
- Height of the façade
- Substrate fixed to
- Selected cladding material
- Cladding zone (mm)

NVELOPE offer a bespoke static calculation programme ensuring compliance with safety requirements and optimising the amount of fixing elements that need to be used per m2 / per elevation.

We offer two static calculations, one for the general area and one for a corner area. Typically the corner area 'B' of a building represents an area one metre in from the corner of a building as the wind loading is higher in this area and may require additional bracket supports. The general area 'A' is the remaining wall area between the two corner zones.



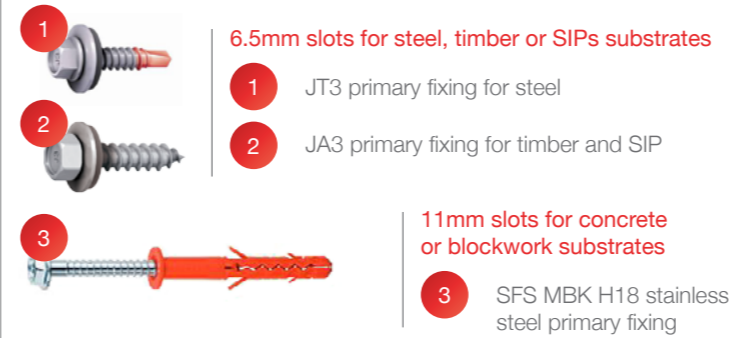
Building Cladding



➤ www.nvelope.com/project-builder

FP	Fixed Point Bracket
SP	Sliding Point Bracket
'b'	Horizontal spacing between profiles
'k'	Distance from bracket to end of profile
'a'	Distance between primary fixings
'L'	Length of profile

Primary Fixings



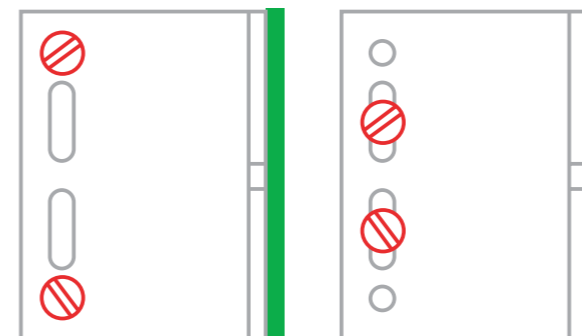
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➤ 01707 333 396

Fixed and Sliding points

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Welwyn Garden City
Herts
AL7 1AD

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E: info@nvelope.com
www.nvelope.com

NVELOPE Rails

L60-40-2.2-3000	┌	60 x 40 x 2.2mm L
T60-80-2.2-3000	└	60 x 80 x 2.2mm T
T60-100-2.2-3000	└	60 x 100 x 2.2mm T
T40-100-2.2-3000	└	40 x 100 x 2.2mm T
T60-120-2.2-3000	└	60 x 120 x 2.2mm T
T60-140-2.2-3000	└	60 x 140 x 2.2mm T
HBL60-40-2.5	┌	60 x 40 x 2.5mm L
Omega and Zed profiles		
OM25-120-2.4-3000	└	25mm Omega
OM25-140-2.4-3000	└	40mm Omega
Z25-45-30-2.4-3000	└	25mm Zed
Z40-45-55-2.4-3000	└	40mm Zed