

Did you know? Having set specification standards for the UK, NBS have now established the same high standards for BIM Objects.

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NBS Plus product specifications by NBS



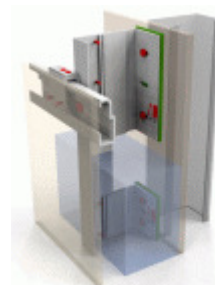
The product information below is from the NBS Plus library of product clauses offered in NBS specification products. It has been created by NBS for Nvelope Rainscreen Systems Ltd (NVELOPE). The clause is authored in NBS format and is intended for inclusion in project specifications. The clause can be copied and pasted into your project specification document. **Please note that NBS product guidance is not a replacement for the manufacturer's literature and it is recommended that Nvelope Rainscreen Systems Ltd (NVELOPE) be consulted before specifying.**

To find out more about producing specifications for building projects visit www.theNBS.com/solutions

Nvelope NV3

Features:

- NV3 is the Nvelope system for secret fix / mechanically fixed applications – Vertical cladding applications.
- Secured using hangers and undercut stud anchors or screws to provide a concealed fixing.
- Horizontal Nvelope channel profiles are fixed to the vertical profiles. Rainscreen panels are hung from and secured to the horizontal profiles with cleats, adjustable cleats, or hangers.
- Nvelope 'T' and 'L' profiles are fixed using Nvelope helping hand support brackets, fixed through a series of fixed and flexible points.
- Nvelope flexible point brackets absorb wind loading and allow for expansion and contraction.
- Nvelope fixed-point brackets absorb both vertical dead loads.
- Nvelope bracket spacing is determined by cladding options such as the dimensions and weight of the facade cladding, local wind loads.



Usage:

NV3 is suitable for mechanical secret fix cladding applications – fibre cement, high pressure laminate (HPL), ceramics or thin stone.

More about Nvelope NV3:

[As standard](#) - [Options](#)

Nvelope NV3

- Manufacturer: Nvelope Rainscreen Systems Ltd (NVELOPE).
 - Web: www.nvelope.com.
 - Tel: +44 (0)1707 333396.
 - Product reference: Nvelope NV3.
- Fasteners:
 - Type: [_____] - Consult with Nvelope Rainscreen Systems Ltd for recommendations and details.
 - Number and location: [_____] - Consult with Nvelope Rainscreen Systems Ltd for recommendations and details.
- NV brackets (V):
 - Type: [\[Single\]](#).
[\[Double\]](#).
 - Size: [\[60 mm\]](#). - Adjustment 62–134 mm.
[\[90 mm\]](#). - Adjustment 92–164 mm.
[\[120 mm\]](#). - Adjustment 122–194 mm.
[\[150 mm\]](#). - Adjustment 152–224 mm.
[\[180 mm\]](#). - Adjustment 182–254 mm.
[\[210 mm\]](#). - Adjustment 212–284 mm.
[\[240 mm\]](#). - Adjustment 242–314 mm.
[\[270 mm\]](#). - Adjustment 272–344 mm.
[\[300 mm\]](#). - Adjustment 302–374 mm.
 - Fixing: [\[6.5 mm holes\]](#). - Suitable for steel and/ or timber substrates.
[\[11 mm holes\]](#). - Suitable for block/ concrete substrates.
- Profile: [\[L, 60 x 40 mm\]](#).
[\[T, 40 x 100 mm\]](#).
[\[T, 60 x 80 mm\]](#).
[\[T, 60 x 120 mm\]](#).

[T, 60 x 140 mm].

[top ^](#)

Guidance for Nvelope NV3 from Nvelope Rainscreen Systems Ltd (NVELOPE)

More about Nvelope NV3: [As standard](#) - [Options](#)

As standard

Material:

Manufactured from extruded aluminium alloys conforming to BS EN 573-3 (material) and BS EN 755 (production).

Options

NV brackets (V):

Allows adjustment between back of chosen façade and face of substrate material including Nvelope isolator (5 mm).

Nvelope isolators:

An optional PVC isolator can be located between the Nvelope bracket and the face of the substrate being fixed to.

Further Information

Literature:

 CPD information is available for [Nvelope Rainscreen Systems Ltd \(NVELOPE\)](#) from [ribacpd.com](#).

 Additional information may be available for [Nvelope Rainscreen Systems Ltd \(NVELOPE\)](#) from [ribaproductselector.com](#).

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[top ^](#)

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www.thenbs.com/solutions, online library, 23 July 2014