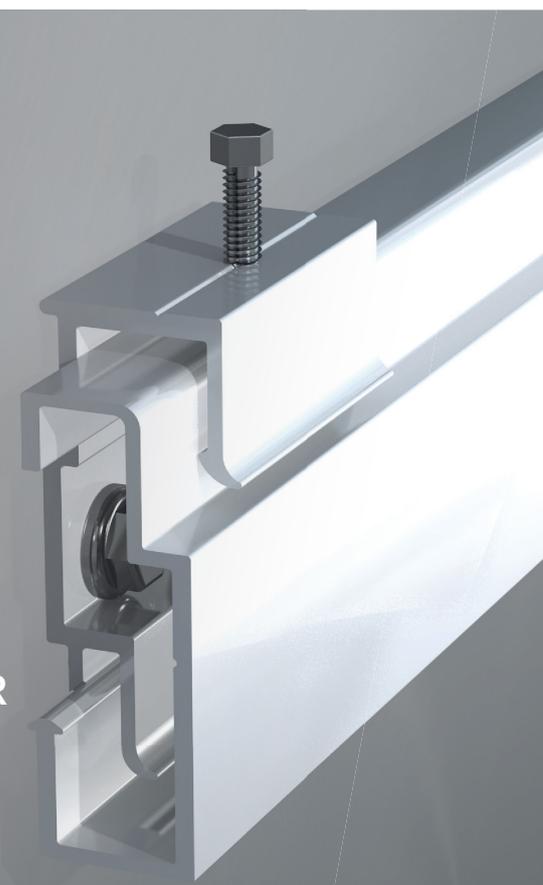




BEMO BOND INVISIO



THE CONCEALED FASTENING OPTION FOR
FACADE COMPOSITE PANELS

BEMO - BOND INVISIO

Registration number	Z-10.3-807
Material	Aluminium with BEMO-FLON coating
Overall thickness of BEMO-BOND	4.0 mm
Cover plate	two 0.5 mm aluminium cover plates, alloy EN AW-3105 or 3005
Core	3 mm inorganic filler
Maximum format sizes	1,250 mm x 7,000 mm horizontal, 2,000 x 4,600 vertical Other sizes on request
Fire classification according to DIN EN 13501-1	inorganic filler: A2-s1, d0, non-flammable
Special features	Joint formation can be concealed (on request), The spacing between the clasps depends on the statics and is calculated and verified individually.

SYSTEM OVERVIEW

The INVISIO system consists of the following basic components:



Vertical support profile and horizontal INVISIO profile.



Agraffe depending on application incl. screws and nuts.



BEMO-BOND aluminium facade composite panel, specification flame-resistant / non-combustible incl. milled recesses for accommodation of clasps.

CLASP TYPES



Type 1
Adjusting agraffe for the top row of the BEMO-BOND panel.



Type 2
Adjusting and fixed agraffe for the top row of the BEMO-BOND panel.
Central positioning is recommended.



Type 3
Standard agraffe (for lower clasp rows)

BEMO-BOND INVISIO – CONCEALED FIXING, ALWAYS INSTALLABLE



The innovative, concealed, and, above all, practical fastening for BEMO-BOND offers completely new possibilities. The concealed fastening is ensured by means of patented screws and clasp recesses. Thus, no fasteners are visible on the facade.

The design can be applied to any size of panel. The focus here is on large-format elements that had previously reached their limits with alternative fastening systems or were only possible to a very limited extent. The panels ensure installation feasibility regardless of seasons or weather conditions and thus provide the necessary flexibility for planners and installation companies. The advantages of BEMO-BOND with regard to edges or jointless corners remain unchanged. The result is a seamless facade without any fastening elements disturbing the appearance.

BENEFITS

- ❖ Quick and easy to install
- ❖ Weather-independent installation
- ❖ Good adjustability
- ❖ BEMO-FLON coating
- ❖ Panels in large format possible
- ❖ Sealed cutting edges possible
- ❖ Concealed mounting A2-S1, do possible
- ❖ Seamless corner design

❖ Car dealership // Austria
Architecture: Götz Seidel & Atmos Architects ZT OG
Photo: Mili Martinez-Flener/vor-ort-foto.de



» INSTALLATION PROCEDURE



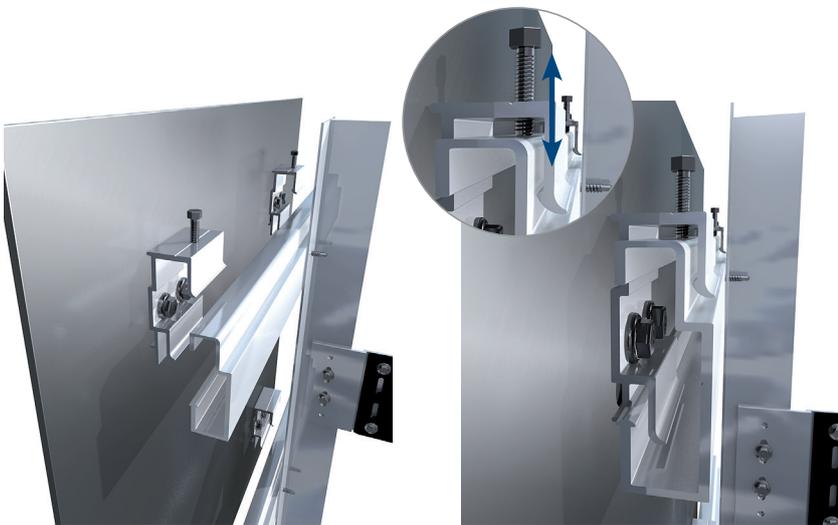
Machined BEMO-BOND plate, to accommodate the agraffe fixing.



Installation of the horizontal INVISIO profile on a vertical support profile.



Assembly of the patented screws including the corresponding agraffe.



Hanging the pre-assembled BEMO-BOND panel.

Height adjustment of the horizontal joints. Correction of the joint width is easily possible.

» FIXED POINT FORMATION



After alignment of the BEMO-BOND facade panels, they are secured in position by means of self-drilling fixed-point screws.

Ideally, the fixed point should be located in the middle, so that linear expansion to the left and right can take place. The fixed points should always be arranged one above the other and not be offset within the rows of panels.

COLOUR DIVERSITY

The BEMO-BOND facade composite panels are supplied with the high-quality BEMO-FLON varnish system. That's why we offer you endless colour options – and the paint laboratory. Tell us your desired colour tone and we will mix your special paint.

Properties of BEMO-FLON

Surface finish	free choice of gloss level
	low degree of surface adhesion
	scratch-resistant
	hydrophobic, therefore water-repellent extremely resistant to acids, bases and oils
Structure	Nanostructure
	molecular structure comparable to Teflon
Field of application	extremely high temperature and UV resistance
	suitable for all climatic regions
Colour options	approx. 15 standard colours
	more than 40,000 colour options upon sampling
	Your self-mixed paint from the paint laboratory



“Metallic” paint series



sim. to RAL 7016
Anthracite
metallic 15 GE

sim. to RAL 9006
Silver metallic
15 GE

sim. to RAL 9007
Grey metallic
15 GE

Manganese
metallic
15 GE

“Natural” paint series



Sandstone
metallic
15 GE

Red Terra
metallic
15 GE

Natural green
metallic
15 GE

Azure blue
metallic
15 GE

Bronze
metallic (504)
30 GE

“Elegant” paint series



Ink Black
(326)
30 GE

Smoke silver
(501)
30 GE

Grey metallic
(502)
30 GE

Champagne
silver (503)
30 GE

Deep grey metallic
(505)
30 GE

Charcoal
(551)
30 GE

Sunrise silver
(600)
30 GE

Standard RAL colours



sim. to RAL 3003
Ruby Red
15 GE

sim. to RAL 7016
Anthracite grey
(105) 30 GE

sim. to RAL 7035
Light grey
15 GE / 30 GE

sim. to RAL 9001
Cream white
30 GE

sim. to RAL 9010
Pure white
15 GE / 30 GE

sim. to RAL 9016
Traffic white
15 GE / 30 GE

GE = gloss units. The colours illustrated do not represent any binding sample templates. The colour shades may differ from the original colours on our metal profiles.



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