

Dualfix Brick InLine Adhesive System

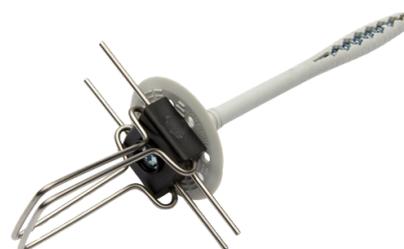
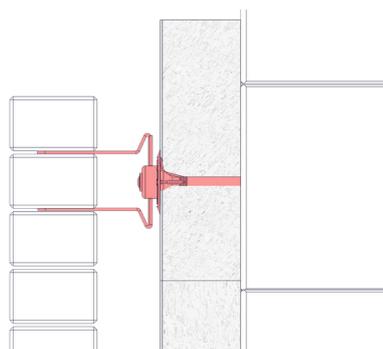
Product description

Dualfix IN-LINE has been developed as an insulation cavity anchoring system specifically for bonded façades and thin-bed façades with a joint thickness from 3 mm. The cavity anchor is height-adjustable, so a precise drilling height is no longer required. This allows cavity anchorages to be easily installed in mortar joints without cutting bricks or bending anchors. The unique U-shape of the stainless steel AISI 304 cavity anchor ensures a very strong anchorage of the façade brick, even with narrow bricks of 65 mm. This eliminates any risk of the façade "buckling."

Technical description

LFN10 Plug

- Material: PP or Nylon PA6
- IN-LINE block material: black HDPE
- Temperature resistance IN-LINE block: 125 °C
- Cavity anchor material: stainless steel AISI 304 / AISI 316, tensile strength 1600–1750 N/mm²
- Cavity anchor thickness: 2.5 mm
- Anchoring depth: 60–80 mm
- Approval: tested according to NEN845 + NEN846
- Minimum air cavity: 27 mm



Range

Code	Description	LF plug length (mm)	Insulation thickness (mm)	Packaging
INL140	Dualfix Inline PP 140 mm plug+schroef+blok	140	60-80	200
INL160	Dualfix Inline PP 160 mm plug+schroef+blok	160	80-100	200
INL180	Dualfix Inline PP 180 mm plug+schroef+blok	180	100-120	200
INL200	Dualfix Inline PP 200 mm plug+schroef+blok	200	120-140	200
INL220	Dualfix Inline PP 220 mm plug+schroef+blok	220	140-160	100
INL260	Dualfix Inline PP 260 mm plug+schroef+blok	260	160-200	100
INL300	Dualfix Inline PP 300 mm plug+schroef+blok	300	200-240	100
INL140Nyl	Dualfix Inline Nylon 140 mm plug+schroef+blok	140	60-80	200
INL160Nyl	Dualfix Inline Nylon 160 mm plug+schroef+blok	160	80-100	200
INL180Nyl	Dualfix Inline Nylon 180 mm plug+schroef+blok	180	100-120	200
INL200Nyl	Dualfix Inline Nylon 200 mm plug+schroef+blok	200	120-140	200
INL220Nyl	Dualfix Inline Nylon 220 mm plug+schroef+blok	220	140-160	100
INL260Nyl	Dualfix Inline Nylon 260 mm plug+schroef+blok	260	160-200	100
INL300Nyl	Dualfix Inline Nylon 300 mm plug+schroef+blok	300	200-240	100
INLK18	Dualfix Inline lijmwerk ankers kort voor steen 70 mm	52	2 cm spouw	100
INL18	Dualfix Inline lijmwerk ankers voor steen 100 mm	75	2 cm spouw	100
INL18L	Dualfix Inline lijmwerk ankers voor steen 100 mm	120	10 cm spouw	100

Load capacity

	Description of tested materials NEN845-1		Standard	Average load
	Dumoulin lightweight masonry block	Adhesive block	EN 771-1	0,75 kN
	Wienerberger lightweight masonry block	PLS 500 Thermobrick 10 N Powerbrick 20 N	EN 771-1 EN 771-1 EN 771-1	0,75 kN 0,75 kN 0,75 kN
	Ploegsteert Thermobrick Lightweight masonry block		EN 771-1	0,75 kN
	Solid concrete block (Coeck type)		EN 206-1	0,75 kN
	Sand-lime brick Xella KS 20		EN 771-1	0,75 kN
	Concrete C20/25		EN 206-1	0,75 kN

Installation Dualfix IN-LINE insulation

1. Drill the insulation firmly against the inner leaf.
2. Screw the LF plug in place with the corresponding screw and IN-LINE block until the plug is tightened against the insulation.
3. Push the anchor down until it touches the IN-LINE block.
4. Rotate the anchor above the façade brick.
5. Push the anchor down onto the façade brick.
6. Place the next layer of bricks.
7. Then place the second RSV anchor at the top of the IN-LINE block in the designated holes.
8. After pushing this anchor onto the façade brick, the next layer can be installed on it.
9. Place the bracket into the holes of the IN-LINE block.

