

Dualfix Brick Stainless Steel AISI 304

Masonry



Product description

Dualfix stainless steel AISI 304 masonry insulation/cavity wall tie system

The Dualfix stainless steel cavity wall tie has been optimised for use in combination with the Dualfix LFN-10 insulation plug in PP or Nylon versions. Together with the nylon plugs this delivers the most durable insulation securing system with wall ties. The end of the CLFN impact wall tie has been flattened to 2 mm to allow it to be used with glued-on façades and/or thin bed mortar.

Technical description



LFN plug

- Material: PP or Nylon PA6
- Plate diameter: 60 mm
- Plug diameter: 10 mm
- Anchoring depth: 60-80 mm
- Thermal conductivity: 0.04w/K
- Approved to: ETA-06/0105
- CE marking: tested according to BS EN 845-1 + BS EN 846-5/6 for the LFN / CLFN combination



Dualfix AISI 304 wall tie

- Material: stainless steel A2 - AISI 304/A4 AISI 316
- Diameter: 4.1 mm +/- 0.06 mm
- Length of impact wire : ≥ 70 mm
- Tensile strength of wire : 304 stainless steel 800/950N/mm, 316 stainless steel: 800/950N/mm
- Point of cavity wall tie: deburred tip
- Tested in accordance with NEN 845-1 + NEN846-6 for the combination of an LFN/CLFN cavity wall tie with stainless steel AISI 304/AISI 316
- A value: 15 w/mK
- CE marking: tested according to BS EN 845-1 + BS EN 846-5/6 for the LFN / CLFN combination

LFN Plug Range







Code	Plug length (mm)	Insulation thickness (mm)	Packaging (pcs/box)
LFPP10-140	140	60-80	200
LFPP10-160	160	80-100	200
LFPP10-180	180	100-120	200
LFPP10-200	200	120-140	200
LFPP10-220	220	140-160	100
LFPP10-260	260	180-200	100
LFPP10-300	300	220-240	100

Range of cavity wall ties INOX AISI 304/316 – masonry

Code	Anchor length (mm)	Packaging (pcs/box)
CLFN RVS-220	220	200
CLFN RVS-250	250	200
CLFN RVS-275	275	200
CLFN RVS-300	300	200
CLFN RVS-320	320	100
CLFN RVS-340	340	100
CLFN RVS-360	360	100
CLFN RVS-400	400	100
CLFN RVS-450	450	100
CLFN RVS-500	500	100
CLFN RVS-550	550	100

*Other lengths available on request

Load capacity

	Description of tested materials NEN 845-1		Standard	Average load
	Dumoulin lightweight concrete block	Adhesive block	EN 771-1	692 N
	Wienerberger lightweight concrete block	PLS 500 Thermobrick 10 N Powerbrick 20 N	EN 771-1 EN 771-1 EN 771-1	666 N 673 N 797 N
	Ploegsteert Thermobrick lightweight concrete block		EN 771-1	797 N
	Solid concrete block (type Coeck)		EN 206-1	1100 N
	Sand-lime brick Xella KS 20		EN 771-1	1780 N
	Concrete C20/25		EN 206-1	1280 N

All tests for tensile strength, compressive strength, and displacement under load were carried out by an independent laboratory.

Report: 15-Pro67-NL

Notified Body No. 0957 SKG-IKOB performed these tests according to:

- NEN 845-1
- NEN 846-5 Tensile load
- NEN 846-6

Additionally, the tensile load of the anchor in the outer leaf was tested:

Description	Tensile load
Masonry mortar joint with 50 mm wave and 45 mm bearing on facing brick	2150 N
Adhesive mortar joint 2 mm with 45 mm bearing on facing brick	6500 N

Installation



Drill 9 mm: hollow materials
Drill 9.5 mm: solid materials



Install plug using a hammer



Position the Duaflix durable cavity wall tie



Install cavity wall tie using the appropriate setting tube (L anchor – L plug + 10 mm)