

# Dualfix Brick stainless steel AISI 304

## Adhesive/thin bed mortar



### Product description

#### Dualfix stainless steel AISI 304 insulation/cavity wall tie system for adhesive/thin bed mortar

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 plug 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 mortars.

### Technical description

- Material: Stainless steel A2 - AISI 304
- Diameter: 4.1 mm +/- 0.06 mm
- Length of impact wire: ≥ 70 mm
- Thickness of corrugated end: 2 mm
- Length of corrugated end: 75 mm
- Tensile strength of wire: 304 stainless steel 800-950N/mm, RVS 316: 800-950N/MM
- Point of cavity wall tie: no burrs, no lost plugs
- Approved to: tested in accordance with NEN 845-1 + NEN846-6 for the combination of an LFN/CLFN cavity wall tie Durable/stainless steel AISI 304



### 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



### Dualfix stainless steel AISI 304 wall ties for thin bed/ adhesive mortar

Code	Anchor diameter (mm)	Anchor length (mm)	Packaging (pcs/box)
CLFNRS-220DB	4.10	220	200
CLFNRS-235DB	4.10	235	200
CLFNRS-250DB	4.10	250	200
CLFNRS-275DB	4.10	275	200
CLFNRS-300DB	4.10	300	200
CLFNRS-320DB	4.10	320	200
CLFNRS-340DB	4.10	340	100
CLFNRS-360DB	4.10	360	100
CLFNRS-400DB	4.10	400	100
CLFNRS-450DB	4.10	450	100
CLFNRS-500DB	4.10	500	100
CLFNRS-550DB	4.10	550	100

## Load-bearing capacity

	Description of Tested Materials – NEN 845-1		Norm	Average Load
	Dumoulin Fast masonry brick	Adhesive Block	EN 771-1	692 N
	Wienerberger Fast masonry brick	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 fast masonry brick		EN 771-1	797 N
	Solid concrete block		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 in accordance with:

- NEN 845-1
- NEN 846-5 (tensile load)
- NEN 846-6

In addition, the tensile load of the anchor in the outer leaf was tested.

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

## Installation



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



Install plug using hammer



Dualfix stainless steel AISI 304 wall tie positioning



Install wall tie using suitable drift (L tie -L plug + 10 mm)