



Product Information

A nylon frame fixing with a European Technical Approval for multiple fixings in non-structural applications.

Suitable for use in concrete and masonry.

Features

1. Polyamide PA6 Nylon Sleeve
2. Can be used in solid and hollow base materials
3. Tested to ETAG 020-01, plastic anchors for multiple use for non-structural application

Range Data

Countersunk Nylon Frame Fixings

Part Number	Anchor Hole Size mm	Anchor Plug Length mm	Maximum Fixture Thickness mm	Torx Drive	Embedment Depth mm	Minimum Hole Depth mm	Minimum Structure Thickness mm
NFF08080ETA	8	80	10	T30	70	90	140
NFF08100ETA		100	30		70	90	
NFF08120ETA		120	50		70	90	
NFF08140ETA		140	70		70	90	
NFF10080ETA	10	80	10	T40	70	90	140
NFF10100ETA		100	30		70	90	
NFF10120ETA		120	50		70	90	
NFF10140ETA		140	70		70	90	
NFF10160ETA		160	90		70	90	

Countersunk Nylon Frame Fixings – Stainless Steel Screw

Part Number	Anchor Hole Size mm	Anchor Plug Length mm	Maximum Fixture Thickness mm	Torx Drive	Embedment Depth mm	Minimum Hole Depth mm	Minimum Structure Thickness mm
NFF08080ETASS	8	80	10	T30	70	90	140
NFF08100ETASS		100	30		70	90	
NFF08120ETASS		120	50		70	90	
NFF08140ETASS		140	70		70	90	
NFF10080ETASS	10	80	10	T40	70	90	140
NFF10100ETASS		100	30		70	90	
NFF10120ETASS		120	50		70	90	
NFF10140ETASS		140	70		70	90	
NFF10160ETASS		160	90		70	90	

Hexagon Head Nylon Frame Fixings

Part Number	Anchor Hole Size mm	Anchor Plug Length mm	Maximum Fixture Thickness mm	Torx Drive (A/F)	Embedment Depth mm	Minimum Hole Depth mm	Minimum Structure Thickness mm
NFF08080ETAH	8	80	10	T30 (10mm)	70	90	140
NFF08100ETAH		100	30		70	90	
NFF08120ETAH		120	50		70	90	
NFF08140ETAH		140	70		70	90	
NFF10080ETAH	10	80	10	T40 (13mm)	70	90	140
NFF10100ETAH		100	30		70	90	
NFF10120ETAH		120	50		70	90	
NFF10140ETAH		140	70		70	90	
NFF10160ETAH		160	90		70	90	



Cracked and Non-cracked concrete (Multiple use for non-structural applications)

Anchors with Zinc Plated Screws

Performance Data (≥C16/20 Concrete)								
Anchor Diam	Characteristic Resistance		Design Resistance (γ_{Ms} from ETA)		Approved Resistance ($\gamma_F=1.4$)		Spacing	Edge Distance
mm	kN		kN		kN		mm	mm
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile & Shear
Maximum Long Term Temperature 24°C Maximum Short Term Temperature 40°C								
8	3.5	5.6	1.94	4.0	1.38	2.8	210	105
10	4.5	7.7	2.50	6.1	1.78	4.3	210	105
Maximum Long Term Temperature 50°C Maximum Short Term Temperature 80°C								
8	3.0	5.6	1.66	4.0	1.18	2.8	210	105
10	4.0	7.7	2.22	6.1	1.58	4.3	210	105

Anchors with Stainless Steel Screws

Performance Data (≥C16/20 Concrete)								
Anchor Diam	Characteristic Resistance		Design Resistance (γ_{Ms} from ETA)		Approved Resistance ($\gamma_F=1.4$)		Spacing	Edge Distance
mm	kN		kN		kN		mm	mm
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile & Shear
Maximum Long Term Temperature 24°C Maximum Short Term Temperature 40°C								
8	3.5	7.9	1.94	6.3	1.38	4.5	210	105
10	4.5	10.8	2.50	8.6	1.78	6.1	210	105
Maximum Long Term Temperature 50°C Maximum Short Term Temperature 80°C								
8	3.0	7.9	1.66	6.3	1.18	4.5	210	105
10	4.5	10.8	2.22	8.6	1.58	6.1	210	105

Aerated Autoclave Concrete 5.0N/mm²

Zinc Plated and Stainless Steel Screws

Performance Data (Aerated Autoclave Concrete 5.0N/mm ²)								
Anchor Diam	Characteristic Resistance		Design Resistance (γ_M)		Approved Resistance ($\gamma_F=1.4$)		Spacing	Edge Distance
mm	kN		kN		kN		mm	mm
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile & Shear
8	1.0	2.1	0.5	1.0	0.35	0.71	100	120
10	1.6	2.4	0.8	1.2	0.57	0.85	100	120

(Not included in ETA)