

NYLON INSULATION SUPPORTS

IFR - TWO PART FIXING - CE APPROVED



Two part white nylon insulation fixing with glass reinforced nylon expander pin.

Used for the fastening of rigid or semi rigid insulation panels to concrete and compact base materials.

Serrated head to allow "key" of plaster coat over the top. 70mm version can be used to fix mesh or thin plastic sheets.

Size d0 x L	Code	Price per 100	Box qty	tfix	Lt	d0	h1	hnom	dr
10x70	IFR10070	£21.09	200	0~20	70	10	60	50	60
10x90	IFR10090	£26.06	200	20~40	90	10	60	50	60
10x110	IFR10110	£28.80	200	30~60	110	10	60	50	60
10x140	IFR10140	£32.24	200	60~90	140	10	60	50	60
10x160	IFR10160	£34.43	200	80~110	160	10	60	50	60
10x180	IFR10180	£37.49	200	100~130	180	10	60	50	60
10x200	IFR10200	£45.65	200	120~150	200	10	60	50	60
10x220	IFR10220	£65.92	200	140~170	220	10	60	50	60
10x260	IFR10260	£75.22	200	150~210	260	10	60	50	60

Technical Data	
Material	Tensile Nrec kN
Concrete C20/25	0.27
Solid clay brick 20N/mm2	0.21
Aggregate block 12N/mm2	0.18
(Ccr) edge distance	100mm
(Scr) spacing distance	100mm
(hmin) structure thickness	100mm

IFS - TWO PART FIXING - CE APPROVED



Two part white nylon insulation fixing with steel nail expander pin. Used for the fastening of rigid or semi rigid insulation panels to concrete and compact base materials. Serrated head to allow "key" of plaster coat over the top.

Size d0 x L	Code	Price per 100	Box qty	tfix	Lt	d0	h1	hnom	dr
8x95	IFS08095		200	60	95	8	45	35	60
8x115	IFS08115		200	80	115	8	45	35	60
8x135	IFS08135		200	100	135	8	45	35	60
8x155	IFS08155		200	120	155	8	45	35	60
8x175	IFS08175		200	140	175	8	45	35	60
8x195	IFS08195		200	160	195	8	45	35	60

Technical Data	
Material	Tensile Nrec kN
Concrete C20/25	0.21
Solid clay brick 20N/mm2	0.21
Aggregate block 12N/mm2	0.14
(Ccr) edge distance	100mm
(Scr) spacing distance	100mm
(hmin) structure thickness	100mm

IPF - ONE PART FIXING

One piece nylon component for fastening of rigid insulation panels to concrete and compact base materials.

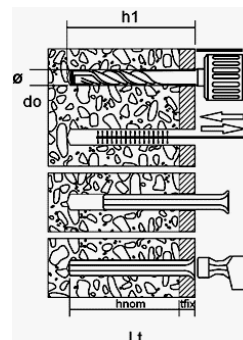
Serrated head to allow "key" of plaster coat over the top. (50mm length can be used for fixing mesh or thin sheet material).

Size d0 x L	Code	Price per 100	Box qty	tfix	Lt	d0	h1	hnom	dr
8x50	IPF08050	£15.42		0~20	50	8	40	30	32
8x70	IPF08070	£16.73		30~40	70	8	40	30	32
8x90	IPF08090	£17.90		50~60	90	8	40	30	32
8x110	IPF08110	£28.48		70~80	110	8	40	30	32
8x130	IPF08130	£34.23		90~100	140	8	40	30	32

Technical Data	
Material	Tensile Nrec kN
Concrete C20/25	0.08
Solid clay brick 20N/mm2	0.07
Aggregate block 12N/mm2	0.06
(Ccr) edge distance	100mm
(Scr) spacing distance	100mm
(hmin) structure thickness	100mm

IRW - WASHERS ONLY

Diameter	Code	Price per 100	bag qty	Centre hole
35mm Nylon	IRW35N	£25.33	100	4.5
50mm Polyprop	IRW50P	£28.80	100	7.0



- tfix Max fixing thickness
- Lt Total anchor length
- do Drill hole diameter
- h1 Depth of drilled hole to deepest point
- hnom Anchor embedment
- dr Washer diameter

All dimensions in mm, unless otherwise stated.

METAL INSULATION SUPPORTS

IMF - GALVANISED STEEL

Steel galvanised insulation support for fastening rigid insulation panels to concrete and compact base materials. (90mm length can be used for fixing mesh or thin sheet material).

Size d0 x L	Code	Price per 100	Box qty	tfix	Lt	d0	h1	hnom	dr
8x60	IMF08060	£22.27	400	20	60	8	50	35	38
8x90	IMF08090	£37.85	400	50	90	8	50	35	38
8x110	IMF08110	£42.42	400	70	110	8	50	35	38
8x140	IMF08140	£53.76	400	100	140	8	50	35	38
8x170	IMF08170	£94.06	400	130	170	8	50	35	38

Technical Data	
Material	Tensile Nrec kN
Concrete C20/25	0.8
Solid clay brick 20N/mm ²	0.6
Aggregate block 12N/mm ²	0.7

Ccr edge distance	100mm
Scr spacing distance	100mm
hmin structure thickness	100mm

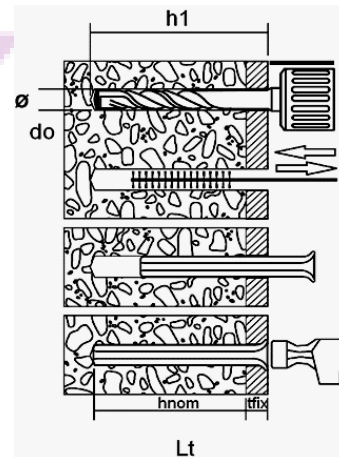
INSX - A2 STAINLESS STEEL

A2 Stainless Steel insulation support for fastening rigid insulation panels to concrete and compact base materials. (50mm length can be used for fixing mesh or thin sheet material).

Size d0 x L	Code	Price per 100	Box qty	tfix	Lt	d0	h1	hnom	dr
8x50	INSX08050	£180.53		10	50	8	50	35	38
8x70	INSX08070	£187.23		30	70	8	50	35	38
8x90	INSX08090	£201.63		50	90	8	50	35	38
8x110	INSX08110	£216.82		70	110	8	50	35	38
8x140	INSX08140	£238.59		100	140	8	50	35	38
8x160	INSX08160	£396.11		120	160	8	50	35	38
8x180	INSX08180	£411.99		140	180	8	50	35	38
8x200	INSX08200	£424.34		160	200	8	50	35	38
8x220	INSX08220	£436.59		180	220	8	50	35	38

IRW - WASHERS ONLY

Diameter	Code	Price per 100	Bag qty	centre hole
72MM Galvanised	IRW08072	£46.71	100	8



tfix	Max fixing thickness
Lt	Total anchor length
do	Drill hole diameter
h1	Depth of drilled hole to deepest point
hnom	Anchor embedment
dr	Washer diameter

All dimensions in mm, unless otherwise stated.