

FACADE THERMAL INSULATION FIXINGS



KI-10 INSULATION FIXINGS

WITH HAMMER IN NYLON PIN



MATERIAL:

Plug Sleeve: impact resistant copolymer of polypropylene PP

Nail Pin: polyamide PA 6.0 (Nylon) reinforced with fibre glass.

INSTALLATION RECOMMENDATIONS:

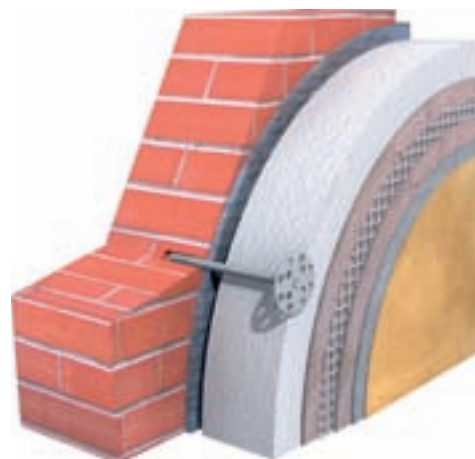
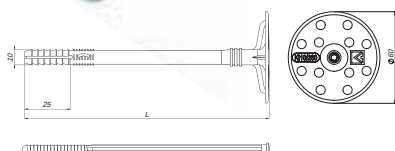
drill diameter: 10 mm

minimum embedment depth: ETA 25 mm

INSULATION
MATERIAL



SUBSTRATE



MECHANICAL PROPERTIES

Substrate			Concrete	Solid brick 20 MPa
Fixing diameter	d	[mm]	10	10
Hole diameter in substrate	d _h	[mm]	10	10
Minimum hole depth	h ₀	[mm]	35	35
Installation depth	h _{nom}	[mm]	25	25
Minimum substrate thickness	h _{min}	[mm]	100	100

PERFORMANCE DATA IN [kN]

Size			Concrete C12/15	Concrete ≥C16/20	Solid brick 20MPa
Installation depth	h _{nom}	[mm]	25	25	25
Characteristic resistance	N _{Rk}	[kN]	0.50	0.60	0.50
Design resistance	N _{Rd}	[kN]	0.25	0.30	0.25
Recommended loads	N _{rec}	[kN]	0.18	0.21	0.18

PERFORMANCE DATA IN [kg]

Size			Concrete C12/15	Concrete ≥C16/20	Solid brick 20MPa
Installation depth	h _{nom}	[mm]	25	25	25
Characteristic resistance	N _{Rk}	[kg]	50	60	50
Design resistance	N _{Rd}	[kg]	25	30	25
Recommended loads	N _{rec}	[kg]	18	21	18

Product code	L mm	max mm	pcs.
KI-070	70	40	250
KI-090	90	60	250
KI-120	120	90	250
KI-140	140	110	250
KI-160	160	130	250
KI-180	180	150	250
KI-200	200	170	250
KI-220	220	190	250

INSTALLATION

