

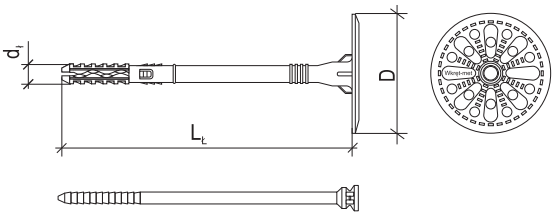
LTX ⌀10 THERMAL INSULATION PLUG WITH SHORT EXPANSION ZONE AND HAMMER DRIVEN NYLON PIN, ⌀10mm

European Technical Approval
ETA-08/0172



DID YOU KNOW...

Plastic pins for Wkręt-met fixings are made of different material than the plugs, i.e. they are made of fiberglass reinforced polyamide. This makes them stronger and more rigid than the plugs.



SUBSTRATE

ETAG USE CATEGORIES: A B D



CONCRETE C12/15 | FULL CERAMIC BRICK | LIGHTWEIGHT AGGREGATE BLOCKS

INSULATION TYPE



POLYSTYRENE FOAM | EXTRUDED POLYSTYRENE

MATERIAL AND COATING:

Plug - impact-resistant polypropylene
Pin - fibeglass reinforced polyamide

PRODUCT RANGE

Code	Diameter & length of the plug d, x L_L[mm]	Insulation material thickness BUILDING NEW*	OLD**	Pcs per pack
LTX10070	10 x 070	10	-	200
LTX10090	10 x 090	30	30	200
LTX10110	10 x 110	50	50	200
LTX10120	10 x 120	60	60	200
LTX10140	10 x 140	80	80	200
LTX10160	10 x 160	100	100	200
LTX10180	10 x 180	120	120	200
LTX10200	10 x 200	140	140	200
LTX10220	10 x 220	160	160	100
LTX10260	10 x 260	200	200	100

* - 10 mm adhesive
** - 10 mm adhesive and 20 mm old render

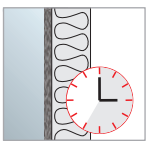
TECHNICAL DATA

Drilled hole diameter	⌀ 10 mm
Anchorage depth	50 mm
Drilled hole depth	60 mm
Washer diameter	⌀60 mm
Pin type	plastic

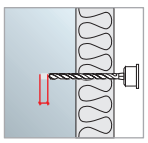
RESISTANCE

Substrate	Standard	Characteristic pull-out resistance [kN]
concrete C12/15	EN 206-1	0.6
concrete C20/25-C50/60	EN 206-1	0.75
full ceramic brick	EN 771-1	0.6
lightweight aggregate blocks	EN 771-3	0.5

INSTALLATION METHOD

1 

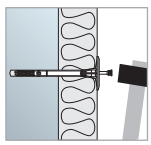
start fastener installation after the adhesive that bonds insulation boards has cured

2 

drill holes 10mm deeper than the fastener embedment depth

3 

do not install the plug with the pin; insert the plug first until washer rests against the insulation

4 

fix the pin by hammering gently until full expansion, i.e. when the head is level with washer surface