

# LINO 13

Plastic sleeve Ø 13 for fixing of flat roof thermal insulation and waterproofing systems

**NEW!**



ETA-15/0578



**Nylon**

### Description

Plastic sleeve for fixing of flat roof thermal insulation and waterproofing systems to be used with self-tapping or self-drilling screws

### Technical data

Compatible screw types and diameters: WDB-4.8 mm, WDB-T-4.8 mm (TX-20), WSR-4.8 mm, WSR-T-4.8 mm (TX-20), WBSW-6.3 mm

### Material



### Features and advantages of the product



**Nylon**

Nylon body made of top quality plastic materials



**Telescopic design**

Telescopic design prevents damage to waterproofing systems; fastener's internal air pocket reduces the effect of thermal bridging



**Special protrusions**

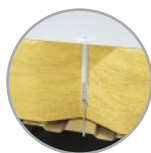
Special protrusions on the inside of the fastener prevent the screw from popping up



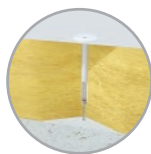
**Product marking**

Easy to identify

### Substrate: by ETAG 006



Substrate: profiled roof sheets of 0.50 - 1.25 mm in thickness



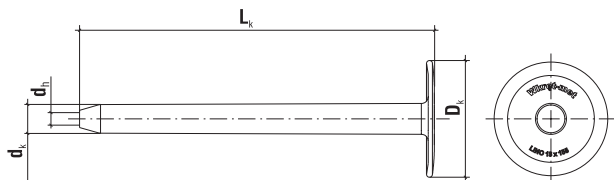
Substrate: concrete C12/15, C20/25, thin wall concrete panel



Substrate: timber C24, OSB board, plywood

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Product marking

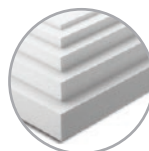
<b>LINO</b>	<b>13</b>	<b>285</b>	<b>PA</b>	<b>(100)</b>
Type	Diameter	Length	Polyamide (nylon)	Number of pieces in a box

	Code	L <sub>k</sub> [mm]	d <sub>k</sub> [mm]	D <sub>k</sub> [mm]	d <sub>h</sub> [mm]	Pcs
<b>Ø13</b>	LINO13035PA(200)	35	13	50	6.3	200
	LINO13055PA(200)	55	13	50	6.3	200
	LINO13085PA(200)	85	13	50	6.3	200
	LINO13105PA(200)	105	13	50	6.3	200
	LINO13135PA(200)	135	13	50	6.3	200
	LINO13155PA(200)	155	13	50	6.3	200
	LINO13185PA(200)	185	13	50	6.3	200
	LINO13235PA(100)	235	13	50	6.3	100
	LINO13285PA(100)	285	13	50	6.3	100

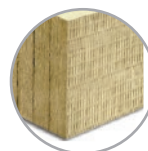
## Packing



## Recommended for thermal insulation materials



**polystyrene  
foam**



**mineral  
wool**



**PIR  
foam**



**PUR  
foam**

Wkręt-met LINO plastic fixings are also conveniently packed in plastic bags, which makes storing and carrying them on roofs in different weather conditions easier and safer.