

# KARTA TECHNICZNA

## BELKA OKIENNA "L-THERM"



The ground board is used interchangeably with the type beam L. The L-Therm beam is made of high density. Main area application is the extension of the door frame in insulation layer of the facade (integration with facade system). The foundation is resistant to wet. It keeps perfectly load on windows. Thanks to the final pen it is easy and quick to install



### Technical Specifications

Property	Value	Standard
Size	1320x100x100 mm	
Cover profile length	1270 mm	
Thermal conductivity $\lambda$	$\leq 0,041$ W/mK	
Compressive strength at 10% deformation	$\geq 2500$ kPa	EN 13163:2012+A1:2015
Bending strength	$\geq 750$ kPa	
Dimensional stability	$\pm 0,2$ %	
Long term water absorption by immersion	$\leq 1,5$ %	
Reaction to fire	E	
Possible size error		
Length $\pm 2$ mm		
Width	$\pm 2$ mm	EN 13163:2012+A1:2015
Thickness	$\pm 2$ mm	
Flatness	$\pm 5$ mm	

### Screws for fastening the L-Therm beams

#### Nyxon 75182 screw

##### MATERIAL:

- A steel, galvanized, hardened screw with a head conical with a diameter of 7.5 mm

##### SUBSTRATES:

- Non-cracked concrete (Compression zone) - Concrete cellular / aerated concrete - Rock - Hollow bricks - Brick full ceramic - Hollow brick



#### Nyxon 75152 screw

##### MATERIAL:

- A steel, galvanized, hardened screw with a head conical with a diameter of 7.5 mm

##### SUBSTRATES:

- Non-cracked concrete (Compression zone) - Concrete cellular / aerated concrete - Rock - Hollow bricks - Brick full ceramic - Hollow brick



#### Nyxon 10180 plug

##### MATERIAL:

- Steel, Frame plug with head hexagonal, corrosion protection - galvanized, screw diameter and length -  $\varnothing$  7.0x185mm

##### SUBSTRATES:

- Plain concrete, solid ceramic brick, brick full silicate brick, hollow silicate brick KSL,



#### Nyxon 10160 plug

##### MATERIAL:

- steel, Frame plug with a head hexagonal, corrosion protection - galvanized, screw diameter and length - 10x160 Frame plug

##### SUBSTRATES:

- normal concrete, full ceramic brick, brick full silicate brick, hollow silicate brick KSL, porous block, ceramic block, brick ceramic hollow, concrete block perforated, cellular concrete.

