



System overview

Banderder



Find out what special measures need to be taken when using a conductor laid in a concrete foundation, also known as a banderder.

Components

	48004 - Earth strap Steel strip blank 25x3 mm In rods of approx. 6 m for laying before concreting.	
	48004/10 - Earth strap steel black 25x3mm (10 meters) Earth strap steel black 25x3mm (10 meters), for laying before concreting, in rolls of approx. 20m, bendable, for foundation grounding	
	48004/20 - Earth strap steel black 25x3mm (20 meters) Earth strap steel black 25x3mm (20 meters), for laying before concreting, in rolls of approx. 20m, bendable, for foundation grounding	
	48004/30 - Steel strips black 25x3mm Earth strap steel strip, for laying before concreting, in rolls of approx. 30m, bendable, for foundation grounding	
	48005/1 - Ground strap hot-dip galvanized steel strip 25x3 mm In rolls of approx. 10 m.	
	48005/2 - Ground strap hot-dip galvanized steel strip 25x3 mm Earth strap steel strip in rolls of approx. 20 m, bendable.	
	48050 - Clamping plate Ensures a reliable connection of steel strip (25 x 3 mm) and (30 x 3 mm) as well as reinforcing steel (8 to 12 mm Ø) with a sturdy M10x40 screw.	
	4101 - Clamping terminal 10-16mm2 bare null	



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	4180 - Clamping terminal 25-50mm² bare to flat copper bars up to max. 8mm	
	4181 - Clamping terminal 70-95mm² bare null	
	48053 - Connection set w. copper conductor 50mm² The connection set enables a smooth connection from the foundation earth electrode to wall surfaces. 3 meters long, 2 pressed-on clamping plates - simple and efficient.	
	48028 - Connection set with copper conductor 50 mm² The connection set, consisting of a 3 m long, insulated conductor (cable 50 mm² Cu) and 4 pressed-on clamping plates for connection to 4 longitudinal steels, serves as a connection from the foundation earth electrode to the connection points on the wall surfaces inside or outside the building.	
	48018/1 - Copper tapes 20x3mm à 12.5M electrolytic copper, galvanized, in rolls of about 12.5m	
	48018/2 - Copper tapes 20x3mm à 20M electrolytic copper, galvanized, in rolls of about 20m	
	48025 - Dilatation joint bridging countersunk Made of galvanized strip steel 30 × 3 mm for setting in concrete, complete with mounted universal clamping plates, embedded in foamed plastic, which creates the recess. Total length: 44 cm	
	48023 - Disconnecting unit for grounding For connecting the end of a banding conductor (20×3mm to 40×3mm) protruding from the ground. Serves as a disconnection point between earth conductor, lightning protection system, etc. Bolt clamp M8 for cable lugs and round copper Ø 6mm .For installation of the disconnecting device we recommend the boxes No. 48010 or 48031	
	48007/1 - Earth strap steel strip black 30x3 mm In rolls of 10 m, bendable.	
	48007/2 - Earth strap steel strip black 30x3 mm In rolls of 20 m, bendable.	



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	48006/1 - Ground strap copper galvanized 40x3mm Earth tape copper galvanized 40x3mm in rolls of approx. 12.5m	
	48009/1 - Hot-dip galvanized steel strip 40x3 mm In rolls of approx. 12.5 m.	
	48009/2 - Hot-dip galvanized steel strip 40x3 mm In rolls of approx. 20 m.	
	48052 - Spacer, hot-dip galvanized post 28 cm With slot for inserting a steel strip up to 3 mm thick. The spacer should distance the ladder from the natural ground by at least 5 cm up to the lower edge so that it is fully enclosed by the concrete. The ladder must be laid on edge and permanently fixed with spacers. (approx. every 2-3 m).	
	48007 - Steel strips black 30x3mm in bars of about 6m.For laying before concreting.	
	48012 - Universal clamping plate Used to connect steel strips 25 × 3 mm to 40 × 3 mm and reinforcing steel 8 to 25 mm Ø with 2 M8×25 screws and 2 washers.	
	48016 - Wedge type connector of galvanized steel For screwless T, cross and parallel connections of foundation grounders. For flat strip and reinforcing steel.clamping range: 25×3 / 25×3mm 30×3.5 / 30×3.5mm 30×3.5 / 10mm Ø	