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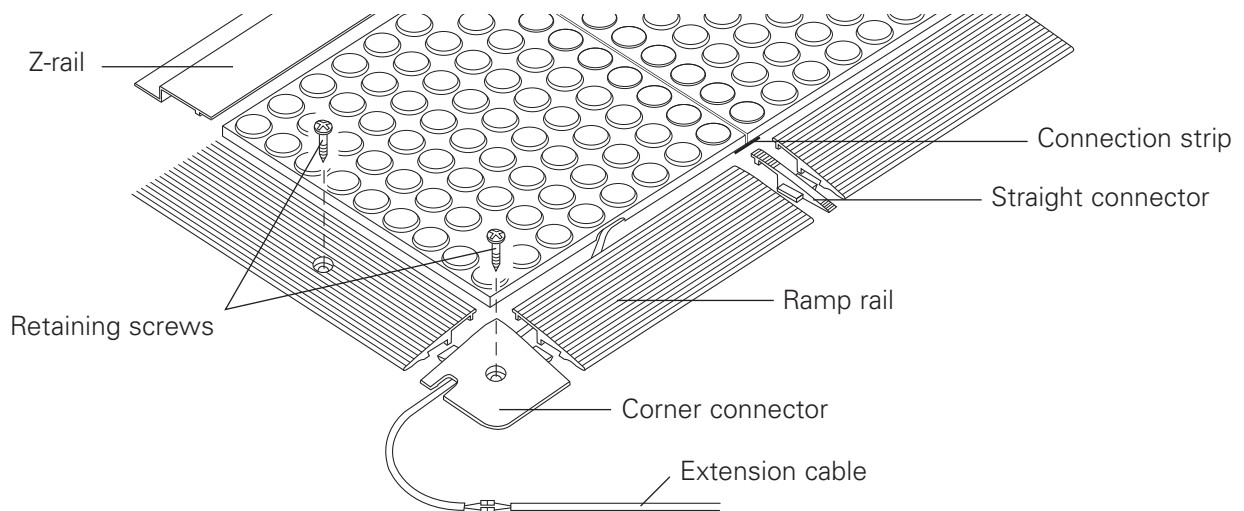
Mat accessories

Mat accessories

Function and application

Bircher Reglomat mat accessories are used for installing and fixing contact mats. These components and the contact mats make it possible to assemble safety contact mat systems according to the EN 1760-1 stan-

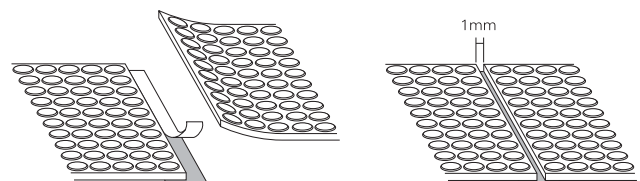
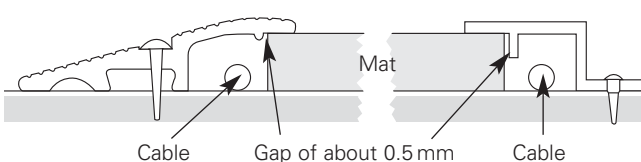
dard. The ramp rails and corner connectors reduce the risk of tripping and, in addition, are able to withstand pneumatic or rubber tyres to the weight specified in the technical data.



Your benefit

- + Flexibility thanks to free choice of lengths of ramp rails and Z-rails.
- + Time saving thanks to quick and easy installation
- + Chemical resistance allows the use in numerous applications
- + Compatible with Bircher Reglomat safety mats
- + Complies with machinery directives

Installation notes



The Z-rails are placed on the side facing the machine in order to fix the safety mats down. Then the fixing holes are drilled and the Z-rails screwed into place. The ramp rails are then arranged around the other sides of the safety mat system and screwed down in the same way.

Bircher Reglomat recommends using connection strips to connect the individual mats, in order to prevent dirt from collecting under the safety contact mat system. An air gap of about 1 mm makes it possible to replace an individual mat within a system.

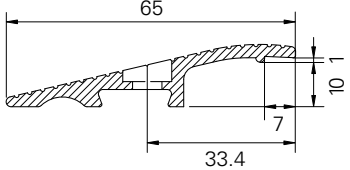



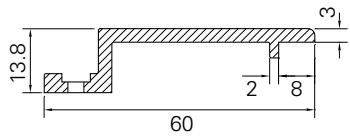

Refer to the installation instructions supplied with the product for detailed information about installation and operation.

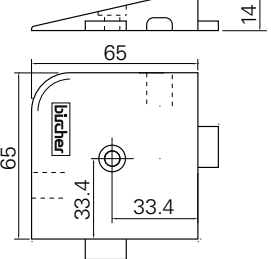

General technical data

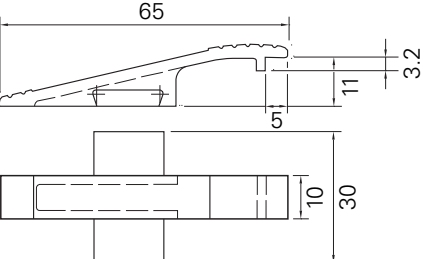

	Ramp rail ES-RR	Corner connector ES-CC	Straight connector ES-RC	Z-rail ES-ZT	Extension cable ES-EC	Terminating resistor ES-RE	Connection stripe ES-CS
Colour	AL natural	black	black	AL natural			
Material	AlMgSi 0.5	PA6	POM6 (N2320)	AlMgSi 0.5	PVC		
Weight	640 g/lin. m	24 g	4 g	228 g/lin. m			
Load							
Rubber wheel	10'000 N	10'000 N	10'000 N	500 N			
Pneum. wheel	20'000 N	20'000 N	20'000 N	10'000 N			
Cutting tolerance	To DIN ISO 2768.0						
Resistance							
Weather	Very good	Very good	Very good	Very good	Good	Good	Good
Mineral oil	Very good	Very good	Very good	Very good	Good	Good	–
Petrol	Very good	Very good	Very good	Very good	Limited	Good	Good
Solvent	Very good	Very good	Very good	Very good	Good	Good	Good
Temperature	-25° C to +70° C						

Products


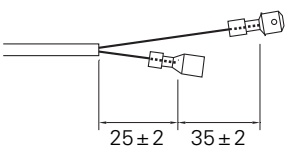

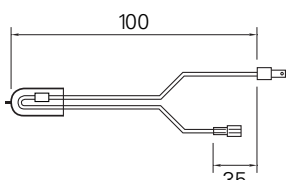


Ramp rail		Length	Holes	Ordering information
		490 mm	2	ES-RR-500
		740 mm	2	ES-RR-750
		990 mm	2	ES-RR-1000
		1190 mm	2	ES-RR-1200
		1240 mm	2	ES-RR-1250
		1590 mm	2	ES-RR-1600
		Customer-specific (max. 6000 mm)		ES-RR (specify length)

Z-rail		Length	Holes	Ordering information
		500 mm	2	ES-ZT-500
		750 mm	2	ES-ZT-750
		1000 mm	3	ES-ZT-1000
		1200 mm	3	ES-ZT-1200
		1250 mm	3	ES-ZT-1250
		1600 mm	3	ES-ZT-1600
		Customer-specific (max. 6000 mm)		ES-ZT (specify length)

Corner connector		Ordering information
		ES-CC

Straight connector		Ordering information
		ES-RC

Products

<p>Extension cable</p> 	 <p>Length 5 m 10 m</p>	<p>Ordering information ES-EC-5 ES-EC-10</p>
<p>Terminating resistor</p> 	 <p>Contents per bag 3 pcs. resistors Resistance: 8.2 kOhm</p>	<p>Ordering information ES-RE-8k2</p>
<p>Fastening set</p> 	<p>Contents per bag 10 pcs. screws 10 pcs. raw plugs</p>	<p>Ordering information ES-MK</p>
<p>Connection stripe</p> 	<p>Notice Connection stripe only coated on one side. Can be cut with scissors.</p> <p>Length 1150 mm 1550 mm</p>	<p>Ordering information ES-CS-1150 ES-CS-1550</p>

Your contact

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Note:

Technical details and recommendations concerning our products are based on experience and are an aid for the orientation of the user. Details stated in our brochures and data sheets do not guarantee special properties of the products. This does not apply to special product properties confirmed in writing or individually on a case-by-case basis. Subject to technical alterations.