

# EC declaration of conformity

## Brictec Reinforcement

The product Brictec reinforcement is a welded steel wire ladder type mesh for use as bed joint reinforcement in structural and crack control applications in masonry construction.

Murma, herewith declares that the product Brictec reinforcement is in conformity with the provisions of the EC Directive 89/106/CEE as described in annex ZA of EN-845-3.

### CE-type testing

SP, Swedish national testing and research institute has as notified body no 0402, performed type-testing of the products mentioned below according to the requirements in standard EN-845-3:2003 specification for ancillary components for masonry.



Geometri	Type Bi37R	Type Bi50R	Type Bi40Z	Type Bi50Z
Length	4085 mm	4085 mm	4085 mm	4085 mm
Width	33 mm	40 mm	33 mm	40 mm
Longitudinal wire size	3,0 x 4,6 mm (flattened profile)	3,0 x 7,0 mm (flattened profile)	3,0 x 5,2 mm (flattened profile)	3,0 x 7,5 mm (flattened profile)
Cross wire size	3,0 mm	3,0 mm	3,0 mm	3,0 mm
Pitch-cross wire centres	95 mm	95 mm	95 mm	95 mm
Effective steel area	24 mm <sup>2</sup>	39 mm <sup>2</sup>	25 mm <sup>2</sup>	39 mm <sup>2</sup>

### Durability

Material and	Stainless steel	Stainless steel	Zink coated	Zink coated
Material coating reference	R3	R3	R13	R13

### Characteristics

Tensile strength of longitudinal wire	800 N/mm <sup>2</sup>	800 N/mm <sup>2</sup>	750 N/mm <sup>2</sup>	720 N/mm <sup>2</sup>
Lap length and bond strength	Min 300 mm or 3 cross wires 1 cross wire – 4,1 kN	Min 300 mm or 3 cross wires 1 cross wire – 5,5 kN	Min 300 mm or 3 cross wires 1 cross wire – 5,2 kN	Min 300 mm or 3 cross wires 1 cross wire – 6,2 kN
Ductility	Normal	Normal	Low (1,7)	Low (1,7)
Dangerous substance	None	None	None	None



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