

Connectors to be used for anchoring of Kimitech WALLMESH nets and Kimisteel reinforcing fabrics.

Description

Kimisteel CONNECT is a family of connectors available in different shapes and dimensions (customizations are available) and special devices all in stainless steel (AISI 304).

Uses

- Anchoring of Kimitech WALLMESH nets
- Anchoring of Kimisteel INOX reinforcing fabrics.

Advantages

- Conversely of connectors made with polymeric materials, Kimisteel CONNECT connectors employ materials resistant to shear;
- Kimisteel CONNECT connectors can be grouted both with traditional cement mortar and limes. Polymeric connectors, on the contrary, are not adequately blocked except through the use of resins, that cannot be used in case of very inconsistent substrates, or humid ones;
- If you wish to make a pass-through connection, Kimia will provide "L" or "I" connectors of suitable length, to be inserted inside the wall and to be bended against the external/interna surfaces to block them.

Product intended for professional use.

The technical specifications and application methods recommended here are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product.

It is the customer's responsibility to check that this data sheet is still effective and it has not been replaced by a more updated version, and that the product is suitable for the intended use.

Features	Value
Steel	AISI 304
Tension resistance	640 MPa
Cross-section area	> 48 mm ²
Width of teh connector	16 mm
Dimensions	Kimisteel CONNECT L (standard) 80 mm x 250 mm
	Kimisteel CONNECT RP Reinforcing napkin to redistribute tensions in connection areas 120 mm x 120 mm

Application

In case of collaborative reinforcing plasters with Kimitech WALLMESH nets, in order to avoid that during the application the network is pushed into direct contact against the support, resulting not incorporated in the plaster, thus not being able to adequately absorb movements and cracks of the plaster, it is essential to proceed by following this procedure:

- Demolition of the existing plaster and scarifying of bedding joints.
- Washing and wetting of the surface to saturation.
- Reconstruction of missing or particularly damaged parts of masonry (if necessary).
- Application of a first layer of scratch coat to the wall face.
- Positioning of the net, to be inglobated in the fresh mortar rough coat, providing an overlap of net bands for about 15 - 20 cm in order to ensure the mechanical continuity.
- Execution of holes (minimum diameter 20 mm), cleaning, grouting of the connectors (it is recommended that the Kimisteel CONNECT RP is applied between the wall and the terminal part of the connector in direct contact with the net) with teh appropriate Betonfix, Limepor or Kimitech product.
- Application of the plaster.

Warnings