



Technical Data Sheet

L-shaped Profile

Technical Specifications

No.	Characterizations	Unit	Specification
1	Material	-	Galvanized Steel
2	Profile Type	-	L-Shaped
3	Dimensions	mm	50x100
4	Thickness	mm	20

Application

The L-shaped profile of WallMesh is a galvanized component designed to enhance the structural performance of non-structural masonry walls. It serves as a critical load-transfer element, efficiently transferring lateral forces acting on the wall, such as wind and seismic loads, to the main structural frame. By anchoring the wall to the primary structure, the L-shaped profile prevents out-of-plane wall movement, ensuring stability and reducing the risk of failure during extreme events. Its galvanized construction offers superior resistance to corrosion, ensuring long-term durability and reliable performance in various environmental conditions.

Advantages

- Efficient load transfer from the wall to the main structural frame.
- Prevents out-of-plane wall movement, reducing the risk of wall failure during seismic or wind events.
- Made of galvanized material, offering high resistance to corrosion and ensuring long-term durability.
- Easy to install and integrate into WallMesh systems for effective reinforcement.
- Enhances the overall structural integrity of masonry walls, contributing to safer and more resilient buildings.

Storage

To prevent deformation or damage, avoid stacking heavy objects on top of the profiles. Ensure the profiles remain in their original packaging until installation to protect the galvanized coating and maintain their corrosion resistance. Proper storage ensures the longevity and performance of the profiles in construction applications.

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