

Brick Reinforcement Mesh for Masonry

Brick reinforcement mesh enhances the tensile strength and crack resistance of masonry walls. This steel wire mesh is embedded in mortar joints between brick or block courses.



Overview

High-Strength Brick Reinforcement

Brick force is a specialized metal mesh designed to be embedded within mortar joints to enhance the structural integrity of masonry walls. By providing significant tensile strength and crack resistance, it ensures long-term durability for both brick and block constructions. This reinforcement is essential for professional masonry projects requiring superior resistance to stress and environmental factors.

Key Performance Metrics

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550 MPa

Max Tensile Strength

0.2 %

Max Carbon Content

90 times/min

Max Production Speed

Dimensions & Sizing

Standard Mesh Widths	75mm, 115mm, 230mm, Adjustable (50-230mm)
Wire Diameter Range	1.6mm - 3.0mm
Cross Wire Spacing	e 20mm

Technical Specifications

Manufacturing & Material Data

Parameter	Specification
Material	Low carbon wire
Welding Method	SCR Controlled
Welding Pressure	Pneumatic
Transformer Capacity	36KVA
Control System	PLC with Touch Panel
Feeding System	Servo motor from coil

Material Properties

Material Benefits

- Enhanced tensile strength for masonry walls
- High crack resistance in mortar joints
- Corrosion resistance via galvanization or stainless steel options
- Improved structural integrity for courses

Suitable Applications

Brick Masonry • Block Courses • Load-bearing Walls • Structural Reinforcement