

# 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