

DANKAT® Welded Wire Reinforcement

DANKAT® Welded Wire Reinforcement (WWR) is prefabricated reinforcement consisting of parallel wires welded together at intersections. It's commonly used in concrete construction to enhance structural strength, improve crack resistance, and increase load-bearing capacity. DANKAT® WWR mats come in various sizes, wire gauges, and grid patterns, allowing for versatile application in slabs, retaining walls, columns, and other structural elements. DANKAT WWR products are designed and manufactured with high tensile steel wires as per ASTM and ISO standards.

Applications:

- Slab on grade.
- Walls & Columns.
- Retaining Walls / Shotcrete applications.
- Pre-cast concrete products.
- Tunnelling & Mining.

Features:

- High-quality WWR mats manufactured using high strength steel wire in accordance with ASTM A1064 grade 65.
- Welding quality is tested and shear strengths are as per ASTM standards.
- Consistent diameter and mesh size.
- Available both in galvanized and non-galvanized mats as per ASTM A123.



DANKAT® Welded Wire Mesh (WWM) Technical Specification. Grade 65 as per ASTM A1064 Standards

Panel size	Openings Size (Inch)	Wire Diameter (Gauge) (mm)	Min Yield Load (Mpa)	Min Tensile Load (Mpa)	Elongation (%)	Weight / Sheet (Kg)
2.95m × 2.10m	6" × 6"	10GA 3.5mm	450	550	>30%	5.2
2.95m × 2.10m	4" × 4"	8GA 4.1mm	450	550	>30%	13.8
2.95m × 2.10m	4" × 4"	6GA 4.8mm	450	550	>30%	18.5
2.95m × 2.10m	4" × 4"	4GA 5.7mm	450	550	>30%	28.4