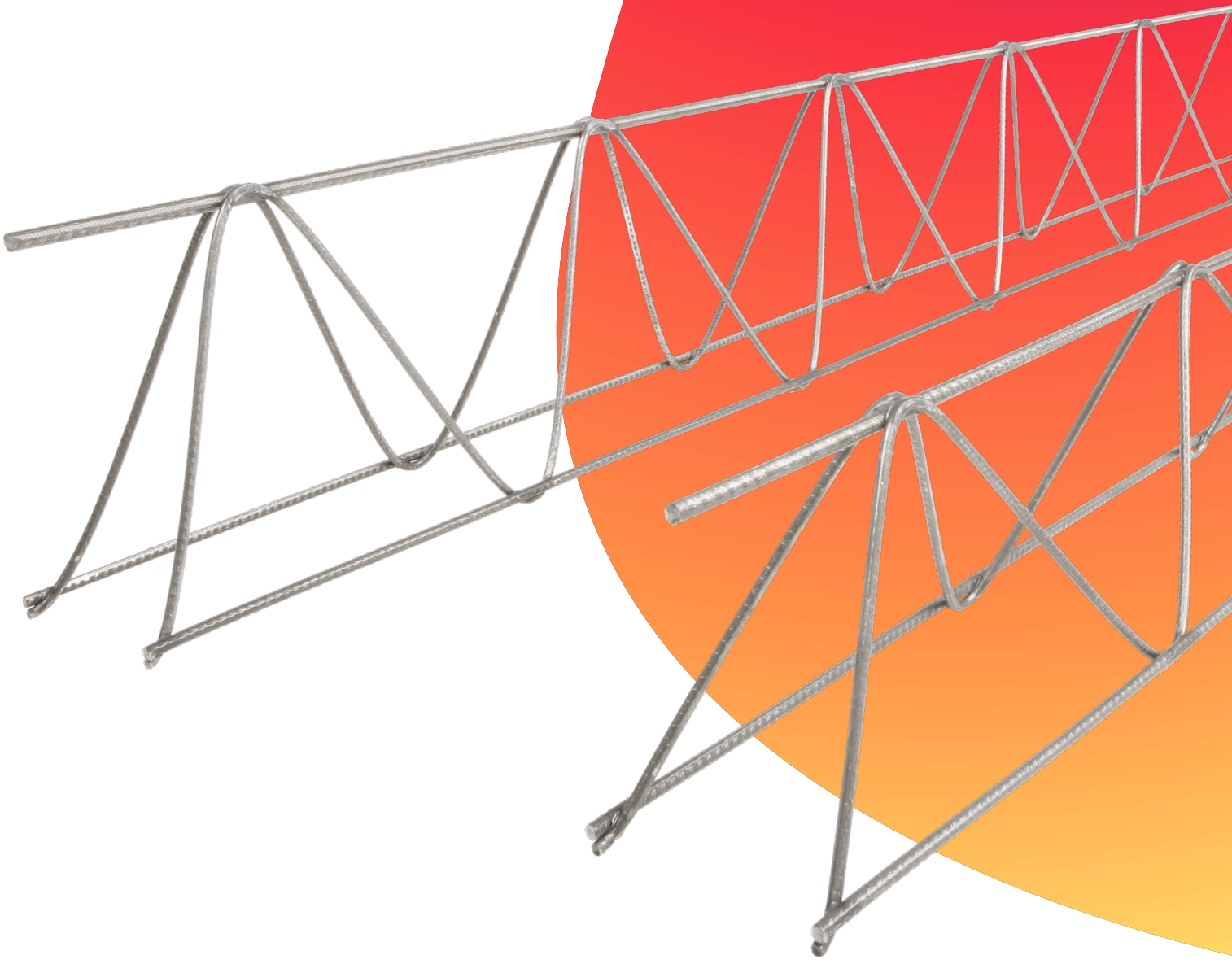
Lattice Reinforcement

ArcelorMittal



The support you need **for the success of your project**

Lightweight and easy to handle, ArcelorMittal Ribbed Lattice is designed to reduce slab weight.

Manufactured in accordance with ABNT 14859-3 standard from ArcelorMittal CA60 ribbed steel, it guarantees the correct dimensions of the wires used and offers better adhesion to concrete, which is essential for the stability and durability of your projects.

Adaptability, uniformity, and safety

One of the main advantages of ArcelorMittal Ribbed Lattice is that it adapts to any construction system, from reinforced concrete and structural masonry to metal structures and others.

Composed of a set of interconnected bars that are electro-welded together, the lattices form a pattern of triangles that provide uniform stress distribution.

In addition, it has the capacity to absorb the bending stresses that occur in precast systems and thus overcome large spans, ensuring greater structural stability and, consequently, greater safety.



Tailored to your project's needs

To suit a wide variety of construction projects, ArcelorMittal Ribbed Lattice is available in a range of sizes:

- Heights: 8, 12, 16, 20, 25, and 30 cm
- Lengths: 8, 10, and 12 m
- Versions: Extra-light, light, medium, and reinforced

Everything to suit the specific needs of your project. Other heights and lengths are available upon request.

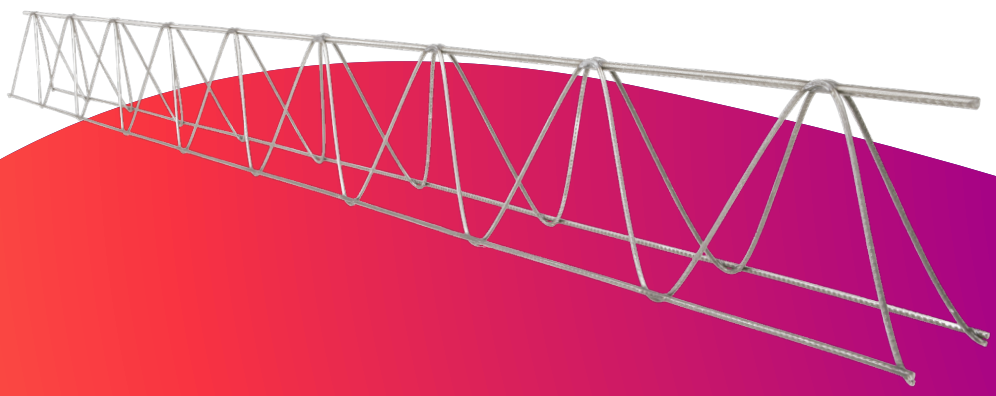




Table of gauges and weights

Pay attention to the specifications when planning your project:

Model	Designation	Height (mm)	Composition of the wire			
			Top (ø S) (mm)	Diagonal (ø D) (mm)	Bottom (ø I) (mm)	Weight (kg/m)
Lattice TB 8L	TR 8644	80	6.00	4.20	4.20	0.735
Lattice TB 8M	TR 8645	80	6.00	4.20	5.00	0.825
Lattice TB 10L	TR 10644	100	6.00	4.20	4.20	0.768
Lattice TB 10M	TR 10646	100	6.00	4.20	6.00	0.994
Lattice TB 12M	TR 12645	120	6.00	4.20	5.00	0.886
Lattice TB 12R	TR 12646	120	6.00	4.20	6.00	1.016
Lattice TB 16L	TR 16745	160	7.00	4.20	5.00	1.032
Lattice TB 16R	TR 16746	160	7.00	4.20	6.00	1.168
Lattice TB 20L	TR 20745	200	7.00	4.20	5.00	1.111
Lattice TB 20R	TR 20756	200	7.00	5.00	6.00	1.446
Lattice TB 25M	TR 25856	250	8.00	5.00	6.00	1.686
Lattice TB 25R	TR 25858	250	8.00	5.00	8.00	2.024
Lattice TB 30M	TR 30856	300	8.00	5.00	6.00	1.823
Lattice TB 30R	TR 30858	300	8.00	5.00	8.00	2.168



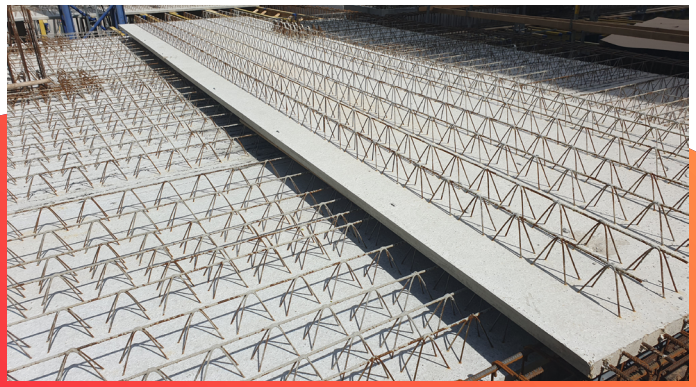
Learn **where to use it**



ArcelorMittal Ribbed Lattice is mainly used in the manufacture of lattice joists and lattice girder slabs. But it is also ideal for:

- Bridge pre-slabs
- Precast slabs
- Floors
- Trelifácil® system
- Self-construction









Customer Service Center
0800 015 1221
brasil.arcelormittal.com

PRODUTO CERTIFICADO
ABNT
ABNT NBR 14859-3

ISO 9001
ISO 14001
ISO 45001

BUREAU VERITAS
Certification

BUREAU VERITAS
1828