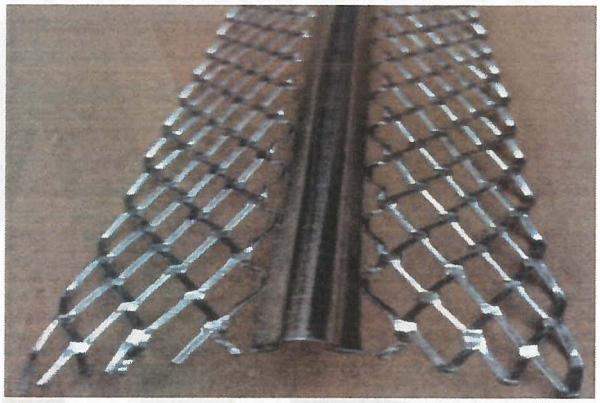
شركة محمد ابوبكر للتوكيلات التجارية
س ت : ٣٨٧٣٤
ب ض: ٧٦٣-٨٨٨-١٨٤

Material Data Sheet (MDS)

ANGLE BEAD



Galvanized steel	Width Wing (mm)	Length (mm)
Galvanized steel	45	3000
Galvanized steel	50	3000
Galvanized steel	55	3000
Galvanized steel	60	3000
Galvanized steel	65	3000
Galvanized steel	70	3000
Galvanized steel	75	3000
Galvanized steel	100	3000

239 A Hadayek Al Ahram -Gate 1
Khufu Gate -Giza -Egypt
www.mab-eg.com
010 198 627 42
02 339 06 405
facebook.com/Muhamedabobakrco
muhamed.abobakr@mab-eg.com

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شركة محمد ابوبكر للتوكيلات التجاريـة

س ت : ٣٨٧٣٤

ب ض: ٧٦٣-٨٨٨-١٨٤

Material Data Sheet (MDS)

DESCRIPTION

Angle beads provide true and straight corners which are resistant to chipping and cracking giving strength and protection against everyday knocks

FIXING:

Fix by either nailing or using plaster dabs

MATERIAL:

Galvanized Steel for internal use Stainless Steel for external use.

Storage:

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather.

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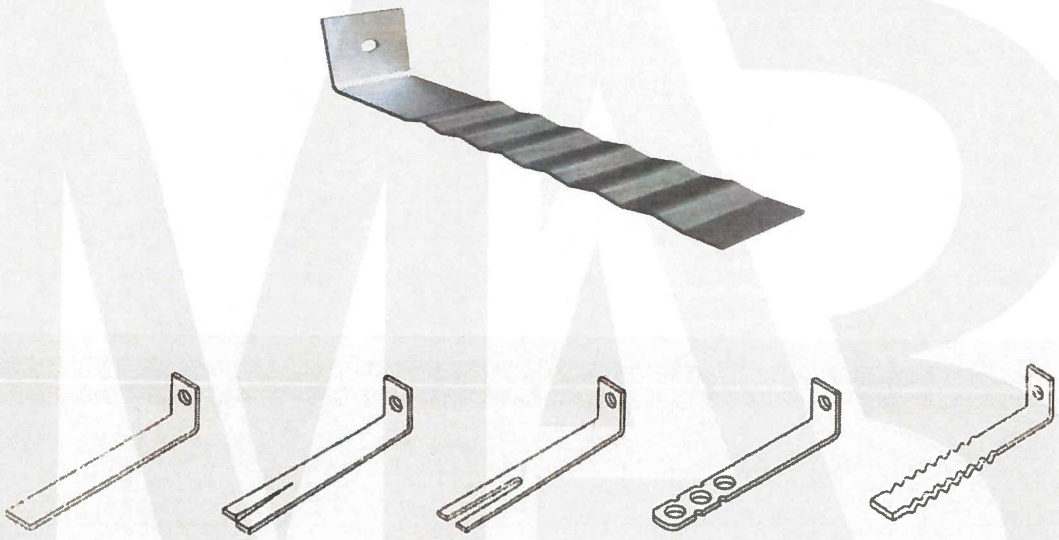
س ت : ٣٨٧٣٤

ب ض: ١٨٤-٨٨٨-٧٦٣

Material Data Sheet (MDS)

BLOCK TIES



designed to restrain the between masonry and vertical structures. Manufactured with minimum 6mm hole to suit a range of fixings. They can be fixed to a wide range of materials including concrete, steelwork, and masonry.

Description and Application:

Block Tie is fixed to steelwork or concrete at the lowest point of slot will have a safe working load of approximately 1kN. The capacity will reduce as the fixing is moved further away from the bend and greater movement shall be expected than with other wall ties.

Materials

Block tie is manufactured from Lock-forming quality galvanized steel with zinc coating

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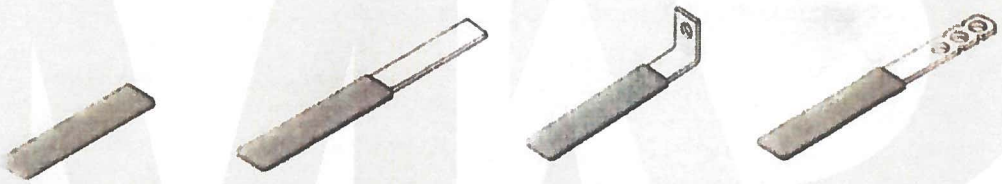
Material Data Sheet (MDS)

MOVEMENT TIES

Movement ties are used in conjunction with a debonding sleeves. The tie is designed to restrain masonry against lateral wind loads while the sleeve allows the masonry to expand or contract.



- **Length according to customer's requirements.**

Storage:

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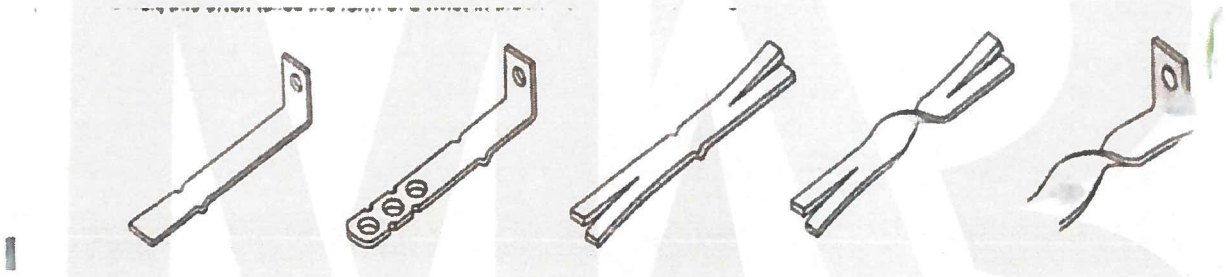
ب ض: ١٨٤-٨٨٨-٧٦٣

Material Data Sheet (MDS)

CAVITY WALL TIES



Cavity Wall ties are used to join two leaves of a cavity wall together, allowing the two parts to act as a homogeneous unit. They are made of metal that span the cavity and tie the internal and external walls of bricks or blockwork together. The ends of the tie are designed to lock tightly Into the mortar. The ties are also designed to prevent water transfer from the outer to the inner leaf of the wall, this often takes the form of a twist in the tie or, if a wire tie, corrugations formed in the wire.

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www.mab-eg.com

02 339 06 405

muhamed.abobakr@mab-eg.com

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Material Data Sheet (MDS)

Length (mm)	Width (mm)	Upstand (mm)	Thickness (mm)	Material
100	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
125	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
150	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
175	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
200	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
225	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
250	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel
300	20-50	25-75	1.50-4.00	Galvanised Steel/Stainless Steel

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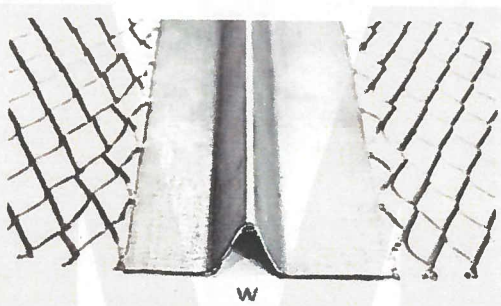
Material Data Sheet (MDS)

CONTROL JOINT BEAD



DESCRIPTION

Control Joints are designed to relieve stress and minimize cracking Control joints provide excellent expansion control for both wall and celling and offers positive locking of the stucco to the edge of the point

Fixing :

Fix by either nailing or using plaster dabs

MATERIAL:

Made from galvanized steel with zinc coating.

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www.mab-eg.com

010 198 627 42
02 339 06 405

facebook.com/Muhamedabobakrco
muhamed.abobakr@mab-eg.com

Material Data Sheet (MDS)

Product & Ordering Information:

Reference	Description	Type	Plaster depth (mm)	Material	Length (mm)
C.J1	C.J with flange	V	20	GI.(Galvanized Steel)	3000
C.J2	C.J with flange	VV	20	GI.(Galvanized Steel)	3000

Storage:

All stored materials shall be kept dry. Materials shall be stacked off the ground, supported on a level platform, and protected from the weather.

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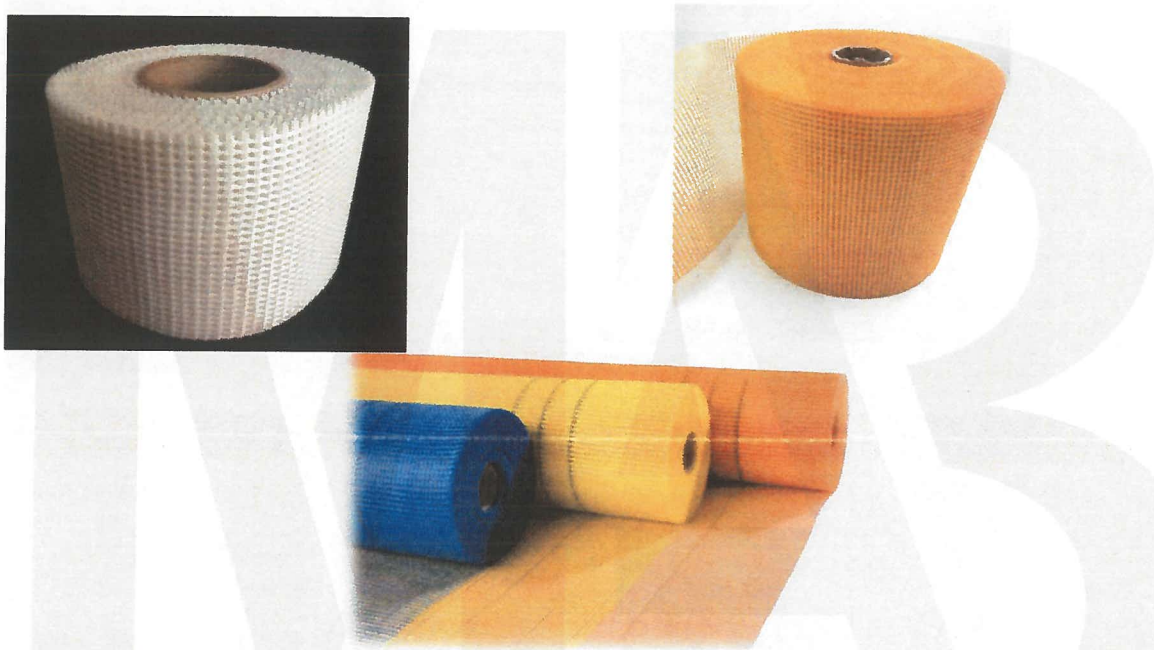
Material Data Sheet (MDS)

FIBER GLASS MESH FOR PLASTERING



The Fiber glass alkaline- resistance mesh is based on C- glass woven fabric, and then coated be acrylic acid copolymer liquid, possesses the properties of good alkaline resistance, high strength, good cohesion, excellent in coating etc. It is widely used In wall reinforcement outside wall heat insulation & roof waterproofing. It can also reinforce cement, plastic, bitumen, plaster, marble, mosaic etc. It is an ideal engineering material in construction. Fiberglass alkaline resistance mesh fabric as the basis structure in the heat insulation system. It can prevent cracks because of the good chemical-corrosion resistance and high strength of wrap and weft, it can spread stress equally on different directions to avoid transfigure in the heat- insulation system if it is submitted in a large strength; it is also easy to be applied. It is really the soft steel in the outside wall heat preservation system. Fiberglass mesh can be reinforcing and protect stones because of its high strength and balance structure. It can spread the stress equally. In addition, it is easy to be stuck in the back of marble, mosaic and stone. It is an ideal reinforcement for all stone processing factories.

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Material Data Sheet (MDS)

Advantage of using Fiber Mesh

- Great chemical and mechanical stability
- Fire and alkalinity resistance.
- Rust free, they do not degrade over time, and they are unalterable and tear proof
- High tensile strength, absorbs the expansion caused by extreme temperature changes and the settlement on different parameters, thus preventing cracks in the covering plaster layer.
- Easy to install since they are lightweight, quick, and economical.
- Due to their flexibility, they can adapt to any surface

Functions of Fiber Mesh

Reinforcement

The fiberglass mesh reinforces cracks, fissures, and the assembly of plaster.

Resistance

Increases the resistance to impact.

Increases

RENDERING MESH increases the integrity of plasters. and their finish.

Prevents cracks and fissures

The fiberglass mesh provides solutions to prevent cracks and fissures in the civil works and construction sector.

Installation

1. Fiber glass mesh is installed after fixing of thermal insulation material to the base surface.
2. A rough coat of plaster is applied to the insulation material, Works are carried out on small areas, as the mixture tends to harden quickly.
3. The fiber mesh is cut according to required size and put to the non-congealed solution. Next, take a wide spatula, smooth out mesh and press it a bit into the freshly applied plaster.
4. Wait till the surface with the mesh dries well.

Material Data Sheet (MDS)

5. During installation of fiber glass mesh, it is necessary to ensure that each strip finds a previous strip with an overlap of 15-20 cm. Otherwise, cracks may appear during operation
6. When spackling is completed, one can start applying the finishing layer

Technical Specifications:

Details:			
Mesh Size	**10X10mm**	**Weight**	**60-350g/㎡**
Width	**20-100 cm**	**Length**	**10-50 ㎡**
Longitudinal	**1250N/5cm**	**Transversal**	**1600N/5cm**
color	**Orange**	**Feature**	**Alkaline-resistant**
Usage	**Wall Reinforced Material**	**Material**	**Fiberglass Yarn**

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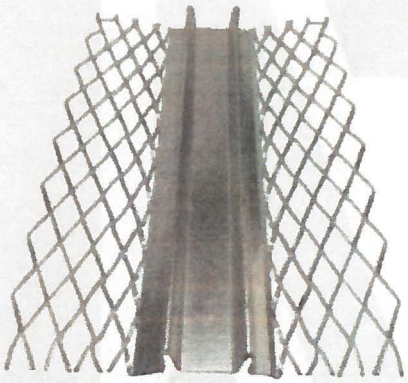
س ت : ٣٨٧٣٤

ب ض: ٧٦٣-٨٨٨-١٨٤

Material Data Sheet (MDS)

ARCHITRAVE BEADS



Description and Application:

A bead which may be used to decorative effect where shadow lines are aesthetically desirable. Typical applications include the creation of clean divisions between varying wall finishes, at wall and ceiling abutments, door and window reveals and other built in joinery features. Is used to reinforce corners subjected to Damage and to give a straight edges.

Materials:

Architrave Bead is manufactured from Lock-forming quality galvanized steel with zinc coating

239 A Hadayek Al Ahram -Gate 1
Khufu Gate -Giza -Egypt
www.mab-eg.com
010 198 627 42
02 339 06 405
facebook.com/Muhamedabobakrco
muhamed.abobakr@mab-eg.com

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س ت : ٣٨٧٣٤

ب ض: ١٨٤-٨٨٨-٧٦٣

Material Data Sheet (MDS)

Product Data & Ordering Information

Reference	Description	Type	Length (mm)	Material
A.B1	With flange 20 mm	With U end	3000	GI.(Galvanized Steel)
A.B2	With flange 20 mm	With Straight end	3000	GI.(Galvanized Steel)
A.B3	With flange 20 mm	With U end, double mesh	3000	GI.(Galvanized Steel)

- **Made from galvanized steel with zinc coating.**

Storage:

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muhamed.abobakr@mab-eg.com

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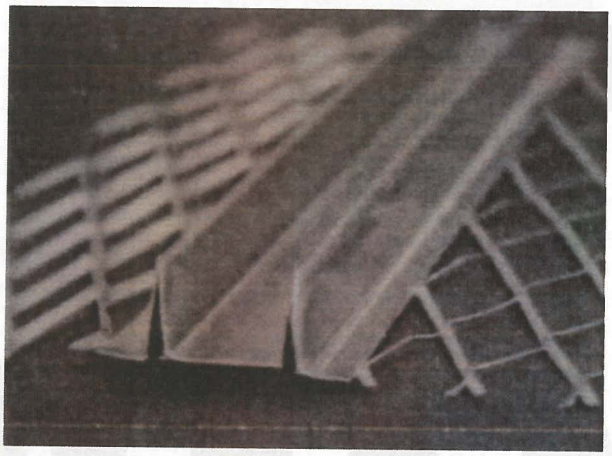
ب ض: ٧٦٣-٨٨٨-١٨٤

Material Data Sheet (MDS)

ARCHITRAVE BEAD DOUBLE SIDE MESH



DESCRIPTION

Architrave Bead Double Sided Mesh gives a shadow line decorative effect for aesthetic purposes and creates Division between varying wall finishes.

Fixing :

Fix by either nailing or using plaster dabs

MATERIAL:

Made from galvanized steel with zinc coating.

Storage:

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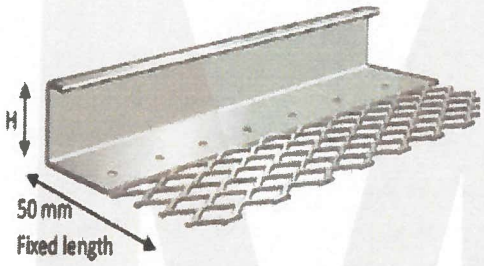
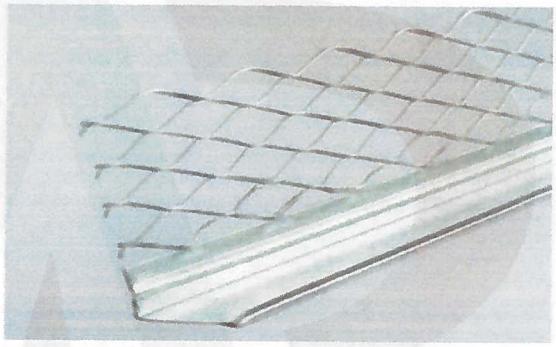
ب ض: ١٨٤-٨٨٨-٧٦٣

Material Data Sheet (MDS)

PLASTER STOP BEAD





Description and Application:

Plaster stop bead provides a straight accurate line, it is used to reinforce the plaster or render on its edge. Plaster stop bead is designed as a universal plaster stop used at wall ends, door and window openings to make a neat, flush frame.

Plaster stop bead protects the edge from damage and helps corner shrinkage cracks. Plaster stop bead can be used for many different applications and can also be less expensive compared to other construction methods.

The beads are designed with a ridge of nail holes to provide easy installation. Plaster stop beads can be used in all types of buildings and constructions and all types of cement plastering works Plaster stop beads help in improving the quality of the building with reference to the abutments of the wall surfaces to other dissimilar surfaces. Plaster stop beads are used between wall surfaces and abutment of doors and window frames and in places wherever the plaster ends.

Materials

Plaster Stop is manufactured from Lock-forming quality galvanized steel with zinc coating .

239 A Hadayek Al Ahram -Gate 1
Khufu Gate -Giza -Egypt
www.mab-eg.com
010 198 627 42
02 339 06 405
facebook.com/Muhamedabobakrco
muhamed.abobakr@mab-eg.com

Material Data Sheet (MDS)

Product Data & Ordering Information:

Plaster stop bead depth (mm)	Length (mm)	Material
10	3000	GI.(Galvanized Steel)
13	3000	GI.(Galvanized Steel)
16	3000	GI.(Galvanized Steel)
19	3000	GI.(Galvanized Steel)

Storage:

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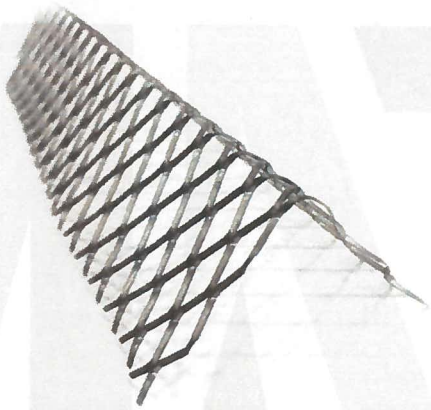
Material Data Sheet (MDS)

CORNER MESH



DESCRIPTION

Corner lath is used in comers where walls meet walls or ceilings. This reinforcing of interior corners help prevent cracks

MATERIAL:

Made from galvanized steel with zinc coating.

Type	Dimensions	Length	Material
Type A	50*50 mm	3m	Galvanized Steel
Type B	75*75 mm	3m	Galvanized Steel

Storage:

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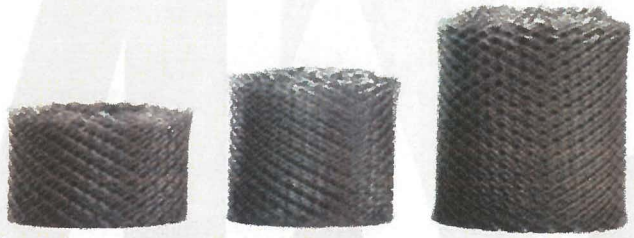
Material Data Sheet (MDS)

BLOCK REINFORCEMENT MESH



Description and Application:

Block reinforcement meshes are produced for brick and block work reinforcement. Their primary usage is to prevent cracking. Embedded in the normal thickness of a brickwork joint, brick reinforcement meshes reduce the detrimental effects of vibration and changes of temperature. Brick reinforcement meshes increase resistance to tensional stress.

The brickwork reinforcement (coil mesh) assist resistance to tensile stresses where settlement occurs.

Materials:

Block work reinforcement is manufactured from Lock-forming quality galvanized steel with zinc coating

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010 198 627 42

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02 339 06 405

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- **Length according to customer's requirements.**

materials. made from galvanized steel with zinc coating

Width	Length	Weight KG/M²
From 5cm to 30cm	20M	600 g/m²
From 5cm to 30cm	20M	1100 g/m²
From 5cm to 30cm	20M	1300 g/m²
From 5cm to 30cm	20M	1600 g/m²

There is an allowing at Steel Thickness ± 10%