

Building Products

Specific building products are made by Mentis for the building industry on special purpose machines. These products are mainly used as reinforcing to prevent plaster and walls cracking. Corners of a building are strengthened preventing damage where it is most vulnerable.

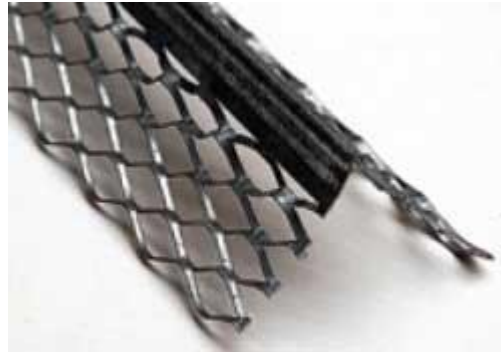
Mentis Angle Bead

Provides a true straight-edge for forming an arris in plasterwork which resists chipping or cracking. Protects and reinforces the plaster where it is most vulnerable. The expanded metal wings anchor securely in the full depth of plaster on either side of the arris. Essential on plastered columns, the corners of which are particularly liable to damage both during and after building operations.

Angle bead is supplied in 3 meter lengths and is manufactured from 0,5 mm galvanised steel strip.

Available ex stock.

- Packing: 50 pieces per carton.
- Mass: 0.7 kg per each.



Mentex Expanded 10 mm Riblath

Plaster base for walls and ceilings, permanent shuttering for concrete, mechanical retention for fire protection plasters and splays. Straight, heavy longitudinal ribs and bead stiffening give

Mentex Riblath a tremendous high strength to mass ratio. Highly flexible for a variety of applications, yet rigid enough for others. Riblath has been for many years an approved and preferred plaster base and concrete shuttering material for suspended ceilings



Specifications

- 0,5 mm thick galvanised steel.
- Size of sheet: 600 x 2500 mm
- Mass per sheet: 2,48 kg
- Packing: 20 sheets per bundle.

Tolerances

On lengths of Angle Bead, Plaster Stop, Riblath, Corner Mesh and Strip Mesh: +/- 25 mm.

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Mentis Plaster Stop

(1 mm Thick) Provides a straightedge and finish for plaster at all openings and abutments. Protects and reinforces The plaster and gives a neat finish. Mentex plaster stop is recommended wherever a plastered wall finishes against files, face bricks, skirtings, exposed steelwork, and all woodwork.

Available ex stock to suit 12,5 mm plaster thickness. Plaster stop is supplied in 3 meter lengths and is manufactured from 0,5mm Thick galvanized steel strip,

- Packing: 50 pieces per carton.
- Mass: 0.7 kg per each.



Mentlath 213

Expanded metal lathing, Ref. 213 is used to provide a key for plaster and as a reinforcement to minimize cracking Mentlath 213 is used extensively for a key where gunnite is applied. and is the most accepted means of keying plaster or vermiculite to steelwork when fire proofing a steel building.



Specifications

- Approx. size of diamond: 10 x 30 mm
 - Width of strand: 1,0 mm
 - Thickness of strand: 0,5 mm
 - Mass per sq. meter: 0,4 kg
- Sizes available
- 600 mm LWM x 30 meter coils
 - 600 mm LWM x 2500 mm SWM sheets
 - Menlath is galvanised to prevent corrosion.

Mentex Corner Mesh

(1 mm Thick) General purpose reinforcement strips used in plaster where cracking is likely to occur. Corner mesh Ref. 210 reinforces plaster at internal angles and will reduce the likelihood of cracking due to shrinkage, Nominal angle size = 75 x 75 x 30 m coils.

Comer mesh is galvanised to prevent corrosion.



Mentex Strip Mesh 210

(1 mm thick) Strip mesh Ref. 210 is used along lines of potential weakness such as at the comers of doors and window frames and as a backing for plaster over narrow gaps



such as service chases. Strip mesh is used as a plaster reinforcing to prevent cracking around airbricks, window frames, vents, door arches, electrical conduits, water pipes, and is extensively used to provide a bond between dissimilar materials at crack prone areas.

- Nominal widths are 75 & 150mm x 30m coils.
- 600mm x 2500 coils and sheets.
- Supplied in lengths of 2500mm.
- Galvanized to prevent corrosion

Building Products

Mentcano is a system comprising of medium gauge flat, angles and channels which have elongated holes perforated in them.

The system has been designed to permit the construction of an infinite variety of light steel structures by simply bolting the various sections together. No special skills or special tools are required.

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Brickforce

Reinforced brickwork is preferable to unreinforced in all types of building because steel reinforcement adds tensile strength to the inherent compressive strength of this traditional construction method. Brickforce 210 reinforcement greatly reduces the detrimental effects of vibration and changes of temperature. Moreover, considerable savings may be made in cost of material and labour, and in space and deadweight.

Brickforce should be used in every third course of bricks, and where the strips are joined at the ends, an overlap of not less than 80 mm should be provided.

Why choose Brickforce

Brickforce is a length of expanded steel mesh with continuity for steel fibre throughout.

Brickforce has no joints, welds or interweaving to fail under stress.

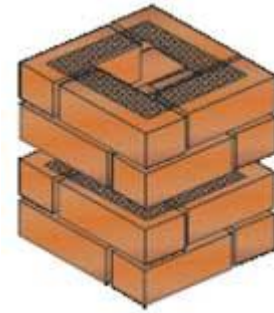
Once mortared into brickwork the diamond-shaped meshes are anchored immovably so that the reinforcement cannot slip under tension.

Brickforce is time tested - it has been reinforcing brickwork for more than half a century

Brickforce is the only brickwork reinforcement to give such a unique combination of all these advantages



Embedded in the normal thickness of brickwork joint, brickforce gives brickwork increased resistance to tensional stresses - important for buildings erected on reclaimed ground or on other ground in which settlement may occur. Equally suitable as a reinforcement for concrete block work partition slabs, asphalt guttering and in other work.



Brickforce is galvanized to prevent corrosion.
 Available ex stock in coils of 30 metre and widths of 75mm for single width brickwork, and 150mm for double width brickwork.
 Coils of 600mm wide are available to order for multi-width brickwork, blockwork or partition slabs.
 Sheets of 600 x 2500 also available

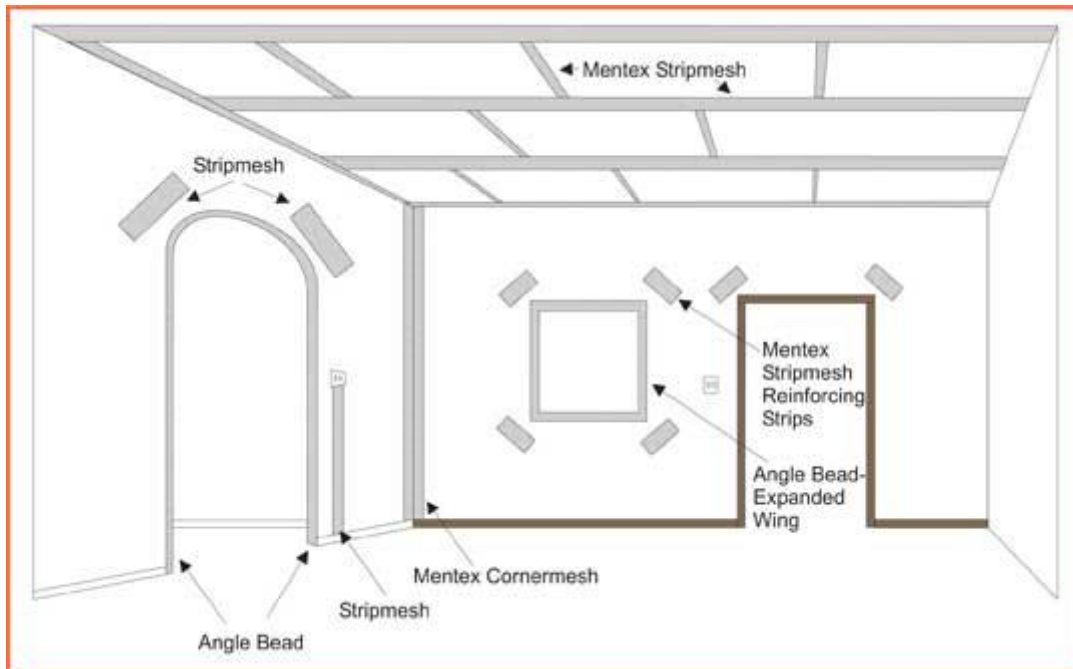
Solid and Hollow Wall

Normally the brickwork alone is sufficient strength but in circumstances where greater strength is required to allow for uneven settlement and movement in buildings, it is desirable to use brickforce reinforcement in the joints. Brickforce not only assists in distributing the loads evenly but reduces the possibility of cracking so common in these conditions.

Specifications

- Approx. size of diamond: 10 x 30 mm
 - Width of strand: 1,0 mm
 - Thickness of strand: 1,0 mm
 - Mass per sq. meter: 0,76 kg
- Widths (longway of mesh) available
- 75 mm, 150 mm & 600 mm
 - Maximum lengths 30 meter lengths

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Mentex 99



Mentex 99 is the most suitable mesh for using as hailguards to prevent gutters from filling up with dirt, leaves, and especially hail. Supplied in standard lengths of 2400mm and widths to suit any gutter size, in flat sheets. Supplied unpainted, or manufactured from Pre-galvanised steel.

Approx. size of diamond: 13mm x 38mm
 Width of strand: 2,5mm
 Thickness of strand: 1,6mm
 Stock size sheets: 1200mm x 2400mm

Building Products

Scaffold Planks

Construction

Manufactured from E60 GRIPWELD with bearer bars of 47 x 3.0mm at 80mm pitch and transverse bars at 60mm pitch.

Safe Loads

The Safe load for a Gripweld scaffold plank, with a 3 metre span, is 180kg evenly distributed and 90Kg concentrated at mid-span.

Finishes

Scaffold planks can be supplied in mild steel with unpainted, painted or galvanised finishes.

Features

Gripweld Scaffold Planks are exceptionally strong and durable. Due to their construction, mortar and rubble do not accumulate on the surface thus providing an excellent non-slip surface from which water drains easily.

Planks can be joined at the ends by means of 12mm bolts. This obviates dangerous overlapping of planks and prevents dislodging, thus providing a high safety factor particularly on ramps.

They are constructed of steel so they cannot burn or splinter.

Size = 3050 x 400mm
 Uncoated mass = 22Kg

Stormwater Gratings & Frames

Construction

Manufactured from B60 GRIPWELD - fusion welded grating with a bearer bar pitch of 40mm and a transverse bar pitch of 60mm. The bearer bar size is 50 x 4.5mm. All stormwater gratings are fully banded and can

Materials & Finishes

Material	Finish
Mild Steel	Uncoated
	Bitumen dipped
	Galvanised
	Other on application

support various concentrated loads. (See loading tables). Angle frames of size 50 x 50 x 5mm can be supplied if required.

These gratings are suitable for water drainage in many applications eg. roads, pavements, highways, gutters, factories etc.



Standard Sizes

Size (mm)	Uncoated Mass
300 x 500	8 kg
300 x 1000	16 kg
500 x 500	14 kg