**Tender Specification: EXPANDED METAL**

**Application: Facade, cladding, staircase railings,…etc.**

Expanded metal e,g. mesh type “ProMetall - LEOBERSDORF“,

Material quality VARIANT A)

Aluminium raw

Material thickness 2 mm; total thickness approx. 21 mm; weight approx.4.2 kg/m²

light diameter at frontal view approx. 30 %,

expanded material production in accordance with DIN791; standard tolerances

to define:

* Assembly direction: long diagonal of the mesh (LD) HORIZONTAL or VERTICAL
* View outside = “NOSE SIDE! or “FLAT SIDE” of the expanded metal
* Mesh direction / openings DOWNWARDS (“nostrils“ downwards) or UPWARDS
* Cut / mesh: CLOSED mesh horizontal/vertical

or OPEN mesh (recommended with edging in angular frame only)

* Installation type / visual effect: JOINT-TO-JOINT installation closed mesh horizontal and vertical with visible installation joints or CONTINUOUS MESH LOOK with tailored mesh and barely visible installation joint
* Installation type / technique: RIVETING of the expanded metal by means of stainless steel rivets directly with UK or WELDING of the expanded metal in angular frame + BOLTING TOGETHER with UK by means of mounting holes

Formats in accordance with separate drawings / or fixed formats according to the below list:

LD xy x z mm

LD xy x z mm

Tolerances to be agreed in accordance with order.

Option / surcharge for surface processing:

1. Anodising on both sides anodised colour: standard colourless E6/C0
2. Anodising on both sides anodised colour: special according to the principal’s choice
3. Powder-coating on both sides in accordance with RAL-standard
4. Powder-coating on both sides special colour according to the principal’s choice

Supplier: ProMetall <www.prometall-europe.com> / [sales@prometall-europe.com](mailto:sales@prometall-europe.com) or equivalent

Material quality VARIANT B)

Steel raw, subsequently hot-dip galvanised in accordance with DIN EN ISO 1461

Material thickness 1.5 mm; total thickness approx. 21 mm; weight not galvanised approx. 9.3 kg/m²

Option / surcharge for surface processing:

1. Powder-coating on both sides in accordance with RAL-Standard
2. Powder-coating on both sides special colour according to the principal’s choice

Material quality VARIANT C)

Special material to be defined (e.g. copper, bronze, brass, zinc…)