



ADVICE & TOLERANCES TGM MESH & TGMF METALIC FABRIC LAMINATED GLASS

When specifying and procuring these products please ensure that the end user/customer is aware of material limitations as Tough Glaze cannot accept rejection on this basis as per our T&Cs.

On large or complex projects, we recommend prototype panels are produced for sign off and final approval.

Quality	
TGM: Woven metal mesh and TGMF: Synthetic metallic fabric are industrially woven and manufactured products and may contain marks and imperfections which can occur as part of the manufacturing process.	
Due to nature of the raw materials used within woven mesh TGM products there may be some colour variations between wires causing illusion of darker lines through the mesh weave. The mesh may also subject to weaving marks from the loom.	
Please be aware some colour variation may occur between batches of TGM -woven metal mesh.	
TGMF: Metallic synthetic fabric mesh – Slight variations in appearance of the fabric can occur due to small variations in raw materials and production process. During lamination process slight visual distortions or shrinkage of fabric or mesh may occur. Where used externally or damp wet environment fabric should be laminated 10mm short of edge leaving clear laminated border.	
Every attempt will be made during the laminating process to minimize the visual impact of such imperfections/characteristics of these materials but it is not possible to guarantee these will be eliminated.	
These are issues that cannot be prevented or changed and therefore do not accept mesh or metallic synthetic rejection on any of these points.	
Our standard laminate TGWR, EVA and Sentry Plus products are suitable for external or wet/damp environments, however please note PVB laminate is not suitable in these scenarios. Unless fully framed and or sealed or fitted into a fully framed glazing system.	
Samples	Standard small samples are indicative of material finish and should not be used as bench mark for final product. For specific or larger projects, we would recommend larger samples and or mock ups.
Visual inspection	Metal Mesh and Synthetic Metallic Mesh should be viewed from minimum distance of 3 Metres under normal daylight conditions, at 90degree angle to the face of the glass, where possible viewing angle should be taken from head height of 1800mm from finished floor level. Glass to be placed in front uniform dark background – matt grey screen in a manner that excludes any back-lighting. Where no defects are visible from specified distance the panel is deemed acceptable. If defects are observed from within specified distance, the extent of such defects are to be within tolerance as above and below.
Please Note	All glass tolerances comply with the minimum requirements pertained within BSEN12543:2011 Tough Glaze aims to surpass Industry Standards it reserves the right to defer from these improved tolerances and instead refer to and supply in line with relevant industry standards and specified material limitation. This applies to both new and existing contracts.