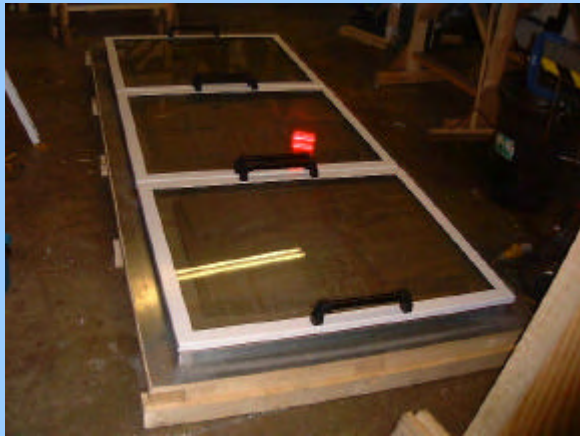
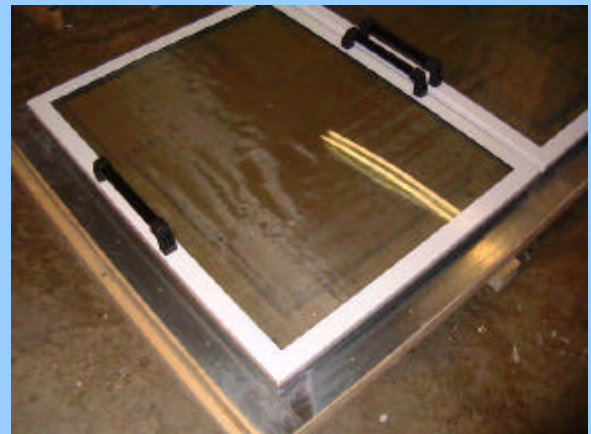


European EMC Products Ltd

## Example of Removable RF Shielded Windows



**Window frame showing three removable leaves**



**Window leaf showing handles**

Radio frequency shielded windows are manufactured from a fine metal mesh laminated between 2 sheets of glass.

The shielding attenuation achieved will not only depend on the mesh but the method of connecting the mesh to the surrounding frame.

Detailed below are the details of the meshes used in our RF shielded windows.

For applications requiring a higher level of attenuation it is possible to have a double unit with 2 sheets of glass separated by a spacer, or 2 layers of mesh laminated between the glass. In this case each mesh layer must be angled to prevent optical interference.

Mesh count (n) or (opi)	Material	Wire dia (mm)	Open area (%)
100 x 100	304 or 316 stainless	0.050	60.8
80 x 80	304 or 316 stainless	0.050	70.5
50 x 50	304 or 316 stainless	0.050	80.1



**Copper Beryllium contacts on window leaf**

### European EMC Products Limited

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