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GILT GLASS INFORMATION SHEET

Description Thin square sheets of precious or non precious metal hand applied to the back of glass

Pattern: Gilding creates square grid pattern. The size of the grid is dictated by the type of metal:

> Precious metals: 80 x 80mm Silver: 80 x 80mm or 95 x 95mm Non precious metals: 140 x 140mm

Further applied repetitive or free flowing patterns can be added to the effect

Textures can be created by antiquing or rubbing back the leaf or laying on the leaves in Texture:

a more random formation.

Colour options: Leaf: precious metal: yellow gold, red gold, white gold, palladium, caplain, platinum

non precious metals: aluminium, brass & variegated

Additional metals available on request Further variable toned leaf colours can be achieved

Client may specify colours or bespoke colours may be mixed to be applied behind the

leaf.

Sizes All sizes are bespoke

Maximum panel size: 2800 x 1200mm

This may increase or decrease depending on weight, finish & site access.

Standard glass industry tolerances apply - refer to attached chart

Thickness: Standard: 4mm or 6mm glass

Other sizes on request including: 1, 2, 3, 8, 10, 12, 15, 19 mm.

Safety Regulations Can be toughened and / or laminated - refer to diagram for details of requirements

Safety film can be applied to the face of the glass

Gilding can be applied to fire rated glass. 30 minute fire rated glass: approx 7mm deep

Edges: Polished (1mm bevel on face & back of glass)

Bevelled: maximum bevel dictated by depth of glass eg.max bevel on 4mm glass: 25mm

Mitred Clean cut

Other edges available on request

Returns: When exposed, we recommend supplying decorative metal or timber trims/mouldings to

cover returns of glass

Can be adhered directly onto walls, joinery etc. allow an additional 2mm for adhesive. Application:

Weight: Glass: 2.5kg per mm thickness per square metre e.g. 4mm = 10kg per square metre

Suitability: Hard wearing surface suitable for most applications including kitchens & bathrooms

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EGLOMISE GLASS (VERRE EGLOMISE) INFORMATION SHEET

Description Verre Eglomise is named after Jean-Baptist Glomy, a French 18th Century frame maker

to Louis XVI, who used the technique extensively to embellish framed prints and to

decorate mirrors and trumeaux for Marie-Antoinette.

Although some of the finest work was carried out in the 18th and 19th centuries, it is much older, with early examples of eglomise glass decorated bowls from a tomb in

Italy, dating from the third century B.C.

Eglomise glass describes the technique of laying gold or silver leaf on glass often in

conjunction with further painted decoration

At its simplest a single or double line of gold leaf is laid on the glass, protected by a layer of paint this technique is still employed today in framing for traditional prints. At its most complicated intricate and elaborate designs can be achieved by engraving a design through the leaf and applying colour to show through the engraved areas. The

painting is in turn backed with protective glass or foil.

Pattern: Patterns can be custom designed according to clients specific requirements

Texture: Unlimited

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes All sizes are bespoke

Maximum panel size: 2800 x 1200mm

This may increase or decrease depending on weight, finish & site access.

Standard glass industry tolerances apply - refer to attached chart

Thickness: Standard: 4mm or 6mm.

Other sizes on request including: 1, 2, 3, 8, 10, 12, 15, 19 mm.

Safety Regulations Most eglomise can be adapted to be toughened and / or laminated and / or fire rated -

refer to diagram for details of requirements

Edges: Polished (1mm bevel on face & back of glass)

Bevelled: maximum bevel dictated by depth of glass eg.max bevel on 4mm glass: 25mm

Mitred Clean cut

Other edges available on request

Returns: When exposed, we recommend supplying decorative metal or timber trims/mouldings to

cover returns of glass

Application: Can be adhered directly onto walls, joinery etc. allow an additional 2mm for adhesive.

Weight: Glass: 2.5kg per mm thickness per square metre e.g. 4mm =10kg per square metre

Suitability: Hard wearing surface suitable for most applications including kitchens & bathrooms

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ANTIQUE MIRRORS INFORMATION SHEET

Description Hand antiqued, foxed & mercury gilt glitter glass made to order

Pattern: Applied repetitive or free flowing custom designed patterns can be added to the effect

Antiquing can be made heavier around the edges of each panel to create the effect of

genuine antique mirror

Texture: Various smoked, foxed, mottled, softened, speckled textures according to clients

requirements.

Colour options: Grey, bronze, rose & silver mirror can be used as a base for the antique mirror finish

Client may specify colours or bespoke colours may be mixed to be applied behind the

silver

Sizes All sizes are bespoke

Maximum panel size: 2800 x 1200mm

This may increase or decrease depending on weight, finish & site access.

Standard glass industry tolerances apply - refer to attached chart

Thickness: Standard: 4mm or 6mm.

Other sizes on request including: 1, 2, 3, 8, 10, 12, 15, 19 mm.

Safety Regulations Can be laminated but not toughened - refer to diagram for details of requirements

Edges: Polished (1mm bevel on face & back of glass)

Bevelled: maximum bevel dictated by depth of glass eg.max bevel on 4mm glass: 25mm

Mitred Clean cut

Other edges available on request

Returns: We recommend supplying decorative metal or timber trims / mouldings to cover returns

of glass

Application: Can be adhered directly onto walls, joinery etc. allow an additional 2mm for adhesive.

Weight: Glass: 2.5 kg per mm thickness per square metre e.g. 4mm = 10 kg per square metre

Suitability: Hard wearing surface suitable for most applications including kitchens & bathrooms

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CRISTAL GLASS INFORMATION SHEET

Description Cristal effect glass

Pattern: Patterns can be added to additional layers of glass

Texture: Tightly packed or sparse crackles & cristals in glass

Colour options: Unlimited either introduced by back painting (opaque panels) or colouring the

laminating resins / applying films / using tinted float (translucent panels)

Sizes All sizes are custom

Maximum panel produced to date: 2400 x 1000mm

This may increase or decrease depending on weight, finish & site access.

Standard glass industry tolerances apply - refer to attached chart

Thickness: Finish is produced using 3 or 4 layers of glass with the middle panel containing the

cristals

6mm glass + 1-2mm lamination + 6mm glass + 1-2mm lamination + 4mm glass=20mm

Tolerance of 1 - 2mm required on the thickness Additional layers / depth of glass can add to the effect

Safety Regulations Cristal glass is produced using laminated glass. Toughened glass may be laminated to

the face to bring it up to the correct standard

Edges: Front panel may be polished / bevelled etc.

Returns: If exposed, returns must be covered to hide lamination joints

Application: Can be adhered directly onto walls, joinery etc. but due to the weight, we would advise

mechanical fixings (frame, glass screws, channels etc.).

Weight: Glass: 2.5kg per mm thickness per square metre e.g. 16mm =40kg per square metre

Suitability: Hard wearing surface suitable for most applications including kitchens & bathrooms

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CARVED GLASS INFORMATION SHEET

Description Glass is sandblasted by hand to produce a rounded, shaded carved effect to one or both

faces of the glass.

Varying depths of carving are used to pick out elements of the design and / or, the glass can be carved with random, undulating textures to create more naturalistic designs.

Pattern: Patterns can be custom designed according to clients specific requirements. Entire

patterns can be carved or elements of patterns can be picked out and combined with

painted or gilded elements.

Texture: Undulating carved textures can be achieved and additional textures can be applied to

the back of the glass using painting, gilding etc.

Grey, bronze, rose & clear float can be used as a base for the carved effect Colour options:

Additional colours can be incorporated by back painting and / or gilding the carved

glass

Sizes All sizes are bespoke

Maximum panel size: 2800 x 1200mm

This may increase or decrease depending on weight, finish & site access.

Standard glass industry tolerances apply - refer to attached chart

Thickness: Standard: 6mm

Increased glass thickness enables deeper / more layered carving

Other sizes on request including: 4, 8, 10, 12, 15, 19 mm.

Can be laminated Safety Regulations

Can be toughened after sandblasting but there is a risk of breakage and there are some

limits: 6mm glass - 1/2mm deep carving 8 - 12mm glass: 1 - 2mm deep carving 15mm glass: 3 - 4mm deep carving

19mm glass: 4 - 5mm deep carving

Polished (1mm bevel on face & back of glass) Edges:

Bevelled: maximum bevel dictated by depth of glass eg.max bevel on 4mm glass: 25mm

Mitred Clean cut

Other edges available on request

Returns: When exposed, we recommend supplying decorative metal or timber trims/mouldings to

cover returns of glass

Application: Can be adhered directly onto walls, joinery etc. allow an additional 2mm for adhesive.

Can be inserted into frames to create door panels (depending on backing)

Weight: Glass: 2.5 kg per mm thickness per square metre e.g. 6mm = 15kg per square metre

Suitability: Hard wearing surface suitable for most applications including kitchens & bathrooms

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GLASS INDUSTRY STANDARDS

Glass Industry standards listed below:

	Dimensionally	Diagonally
Size of glass	+ - 2 mm	2 - 3 mm
Bevelling of Glass	+ - 2 mm	2 - 3 mm
Condition of Glass	Mirror inspection distance 1000 mm.	
	Surface scratches etc. should not be visible from this distance under	
	standard inspection conditions	

Tighter tolerances are possible but we must be advised on this prior to quoting

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CRACKLE GESSO INFORMATION SHEET

Description We developed this collection after many years of using gesso in antique restoration.

Historically used as the ground for water gilding we have adapted it for use by

incorporating a canvas backing to create decorative textured panels suitable for joinery

and wall panelling

Pattern: Custom designed patterns can be embossed, debossed, carved, printed, gilded and / or

hand painted

Texture: Random crackle, linear crack, double crack, croc crack textures developed according to

clients requirements

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes Maximum single panel 2900mm x 1400mm. Joints between panels can be made to

appear seamless by joining cracks after installation (this is highly costly and is only

feasible on certain patterns.)

Thickness: Standard: 1 - 2mm. Can vary on this depending on required finish

Safety Regulations na

Edges & Returns: Gesso can either be folded around panel returns or the edges can be filled and returns

painted in a colour to tone with the gesso or the edges can be covered in a trim. We supply a wide range of hand finished metal trims which are fit for this purpose

Application: Wall panelling, frames, joinery etc.

Weight: nominal

Suitability: Not suitable for use in bathrooms, pool or spa areas or on exposed corners in high

traffic areas. For bathrooms and kitchens we supply a cast waterproof resin version.

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METAL FINISHES INFORMATION SHEET

Description Experimentation with processes and materials have developed into a collection of

gleaming embellished metals which are resilient, hard wearing and beautiful. <u>Liquid Metal</u>: Hand painted, screen printed or spray applied to various surfaces including glass, leather, mouldings & timber substrates. Liquid metal can then be

treated in the same way as genuine metal panels - see below

<u>Metal panels / joinery / fretwork</u>: metal can be polished, pattinated or lacquered in the studio or on site to create interesting effects on wall panelling or joinery pieces

Pattern: Custom designed etched, printed, sandblasted, laser cut and / or carved patterns can be

developed according to the clients requirements

Texture: Custom made

Colour options: Numerous metals including brass, copper, stainless steel, silver, steel, aluminum, gold,

bronze & pewter can be pattinated, antiqued or lacquered in any colour

Sizes <u>Liquid metal</u>: Sizes depend on substrate

Sheet metal: standard size: 1000 x 2000m - other sizes available on request

Profiles eg angles, rods, mouldings: standard length: 3000mm - other sizes available on

request

Thickness: Liquid metal: depending on substrate, texture and pattern

Sheet metal: Various (depending on metal) from 0.45mm. 0.9mm reccomended for

panels.

Safety Regulations: na

Edges & Returns: <u>Liquid metal:</u> returns of substrate can be decorated in the same finish to create the

effect of a solid panel of metal

Sheet metal: Metals can be wrapped around or fixed on to ply/mdf panels.

Application: Wall panels, joinery, mouldings etc.

Metal effects can be produced either in our studios or on site depending on the

complexity of the required finish

Weight: Various

Suitability: Suitable for most applications including kitchens & bathrooms when lacquered.

Liquid metal not suitable for high humidity areas.

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LEATHER INFORMATION SHEET

Description We developed our techniques of decorating leather through our experience in restoring

antique leather.

Leather can be embossed, gilt, patinated and painted for use on walls, furniture and

flooring where it gives a wonderful warm and rich effect.

Early leathers were tooled and hand stamped, wooden moulds came next and then full

size metal plates which allow for finer details.

Cordoba in Spain was, the centre of decorative leather production in Europe (the Moors

introduced this craft)

Leather options: Standard: cow hide, buffalo calf, calf, vellum, shagreen

We can work on most leathers supplied to us or specified by a client.

Pattern: Custom - created by hand stamping/tooling, plate embossing, gilding, water embossing,

painting, staining, patinating and wrapping around carved panels

Hand stamping / tooling: Small brass stamps with a different patterns are used to create

patterns in the leather using heat & pressure

<u>Plate embossing:</u> A metal plate with the whole design required is used to create a pattern on the leather using heat & pressure. Embossing plates are required for this process. New embossing plates cost around £5000 so it is not economical for short runs <u>Water embossing:</u> Leather is moistened with water and pushed into a mould (usually wood) and left to dry. This process also requires a stamp but it is much cheaper than the

stamp required for plate embossing

Texture: Grain depending on hide used.

Additional textures can be created with paints and / or stamps

Colour options: Unlimited created by gilding, hand painting, printing, patinating and / or staining

Gilding: Gilt leather is often stained to achieve an antique gilt leather effect. Leather with gold grounds are often silvered and then lacquered to obtain the gold colour.

Pattinating: Colours traditionally were always bright and sometimes translucent. We patinate our leather panels to achieve the mellow tones leather would acquire over time

Antique tan leather is the hardest to achieve as it requires buffalo calf to

obtain convincing results

<u>Printing:</u> We often hand print some of the colours on our leather panels to keep the

costs down

Sizes Depending on hide

Average cow hide approx 2000 x 1400mm (maximum)

Average buffalo calf size approx 600 x 900mm - required for antique tan finish. Standard size of traditional embossed leather panel in buffalo: 450 x 600 mm

Thickness: Varies depending on hide anywhere from 1mm to 5mm

Levels of embossing especially on carved embossed panels may also add to the depth

Safety Regulations Different leathers / finishing coats may be used to bring embossed leather up to required

standards though this may limit the texture / colours that are available

Edges / Returns: Clean Cut or wrapped around panels

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Application: Can be adhered directly onto walls, joinery etc. or wrapped around panels and hung on

site

Weight: Nominal

Suitability: Most leathers not suitable for use in bathrooms, pool or spa areas

We specialist in hand antiqued leather for walls. Some of our leathers are suitable for upholstery.

We also can supply leather to the required standard for boats and planes

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DECORATIVE RESIN INFORMATION SHEET

Description We have developed techniques using resin that can be used in conjunction with other

mediums, e.g. glass and paper or on its own

We have copied the colour, texture and transparency of amber in order to recreate the Amber Room of Pushkin Palace in St Petersburg for a London casino and used it to create to Middle Eastern tiles which can be applied to curved surfaces. We also use resin to make harder wearing / water resistant versions of some of our other finishes. Decorative resin is also an excellent medium to produce rich transparent lacquer effects.

Pattern: Bespoke patterns created with colours or by raising elements

Texture: Bespoke

Colour options: Bespoke & unlimited. Client may specify colours or custom colours may be mixed.

Metal particles and / or pearlescent pigments can be incorporated to add depth to the

effect of the finish

Sizes All sizes are bespoke

Maximum panel size: 2800 x 1200mm

This may increase or decrease depending on weight, finish & site access.

Thickness: Varies but usually around 1 - 5mm for flat surfaced panels

Safety Regulations Determined by application

Edges & Returns: Resin can either be applied around panel returns or the edges can be filled and returns

painted in a colour to tone with the resin or the edges can be covered in a trim. We supply a wide range of hand finished metal trims which are fit for this purpose

Application: Most resins are suitable for bathrooms, pools, spa and kitchen areas.

Suitable for use on curved surfaces, wall, panelling, furniture.

Weight: Varies hugely depending on ingredients. Resins with metal particles will weigh

substantially more than those combined with pealescent pigments

Suitability: Hard wearing & suitable for most applications including kitchens & bathrooms.

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LACQUER FINISHES INFORMATION SHEET

Description From high gloss modern finishes to the mellow sheen of traditional chinoiserie, lacquer

has unlimited colours & textures

Hand lacquered finishes can be incorporated into carved artwork panels or used to

decorate wood, metal, walls or other surfaces

Pattern: Patterns can be custom designed according to clients specific requirements

Texture: Unlimited

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes Sizes are dictated by the substrate onto which the lacquer is applied

Thickness: Varies but usually around 1 - 5mm for flat surfaced panels

Safety Regulations Determined by application

Edges & Returns: Lacquers can either be applied around panel returns or the edges can be filled and

returns painted in a colour to tone with the lacquer or the edges can be covered in a trim. We supply a wide range of hand finished metal trims which are fit for this purpose

Application: Can be applied directly to walls, joinery etc. depending on finish

Weight: Nominal

Suitability: Depending on finish. Resins can be used as an alternative to traditional lacquers to

make the finish more hard wearing.

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SCAGLIOLA INFORMATION SHEET

Description Scagliola is an ancient technique used to imitate marble and precious stones.

A paste is made using gypsum and glues, then pigment is mixed in to create a variety of

patterns and colours.

Pattern: Custom designed patterns can be inlaid in varying colours & textures

Texture: Usually supplied flat (like marble) but can be raised

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes Bespoke

Thickness: Varies. From 3 - 5mm as a veneer or standard 40mm as a panel

Safety Regulations Fireproof

Edges & returns Scagliola, painted or trim can be moulded & shaped

Application: Table tops, wall panels, pilasters etc.

Weight: Notable. Depending on finish

Suitability: Not suitable for damp areas.

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WALLPAPER INFORMATION SHEET

Description We have been printing and hand painting wallpaper for many years. The effects are

unlimited including screen printing, hand painting, raised effects, embossing, block

printing, texturing and antiquing.

Pattern: Patterns can be custom designed according to clients specific requirements from

traditional printed damasks to hand painted chinoiserie.

This, in conjunction with our custom made screen facilities, allows us to produce truly

unique, custom wall coverings

Texture: Unlimited. We can work on paper, vinyl, woven papers, boards or fabric of any width.

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes We have recently invested in a large screen printing table with print capacity of

1200 x 2600 mm. This enables us to print standard size sheets of MDF in one go, as

well as being able to produce almost unlimited length or repeat pattern sizes Widths are dictated by the rolls of paper onto which the design is applied.

Standard widths: 960mm or 560mm though extra wide paper to a maximum of 1200

may be used.

Thickness: Nominal

Safety Regulations Depending on technique & effect. eg. contract paper can be printed or painted to bring

paper up to required standards

Edges: As required

Returns: na

Application: Can be applied directly to walls & joinery either by our team of specialist wallpaper

hangers or by the clients own subcontractors

Weight: Nominal / depending on technique

Suitability: As required

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SPECIALIST PAINTING INFORMATION SHEET

Description We have, over the past 35 years, specialist painted all kinds of surfaces.

Knowledge and application of paints is the foundation of all of our processes.

Broken colour work (eg. drags, washes), marbling and woodgraining are the oldest

forms of this kind of decoration

All techniques can be used to reproduce time honoured classical decoration but will

also achieve stunning results within contemporary interiors

Pattern: Patterns can be custom designed according to clients specific requirements

Stencils, woodgraining, marbling, paintings, murals, trompe l'oeil, marouglage, raised

paint

Texture: Unlimited. Combing, Washes, Dragging, Antiquing, gilding

Colour options: Unlimited. Client may specify colours or bespoke colours may be mixed.

Sizes Unlimited according to technique

Thickness: Nominal

Safety Regulations na

Edges & returns: As required / depending on finish

Application: Can be applied directly to surfaces on site or in our studio. eg. walls, ceilings, panelling

and furniture.

Weight: Nominal

Suitability: As required / depending on finish

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SAMPLES POLICY

General

Due to the hand made nature of our work samples can only be used as a guideline to final colours, shade or appearance.

Library Samples

All our samples are unique pieces, handmade in our London workshop and are extremely expensive to produce.

Library samples are available on loan for 2 weeks after which they must be returned.

Any samples that are not returned or are returned damaged will be charged for. Charges on lost/damaged samples range from £150 to £1,000

We are happy to reserve samples for clients on request and to loan them out repeatedly as often as required.

Bespoke Samples

Bespoke samples can be created free of charge on request from the client and after a quote for the intended commission has been issued and approved on principle.

Bespoke samples remain the property of Sterling Studios until after a commission where they have been specified has been concluded - see below section on control samples.

Sample lending terms are the same for bespoke samples as for library samples - see above section on library samples. Any bespoke samples which are not approved will be encorporated back into our library

The standard size of our samples is 260 x 260mm or 130 x 130mm. Custom sized samples are available but will be charged for and will still remain the property of Sterling Studios.

Control Samples

Once a sample has been signed off by the client it must be returned to us to match.

On completion of production, the client will be asked to sign off the work at our workshop or on site if it is sitework, alongside the original control sample.

Once final payment for the commission has been received a copy of the control sample can be returned to the client on request to keep for their reference.