



Specialists in Metal Finishes

# Dynamic metal finishes suitable for:

Architecture • Elevators • Machinery • Engineering • Refrigeration • Transport

















Product catalogue for the metal finishes manufactured by the Rimex Metals Group including Patterned, Bead Blasted and Polished finishes, ColourTex<sup>®</sup> coloured stainless steel and the Impressions<sup>™</sup> and MetalArt<sup>™</sup> range of custom designed finishes.

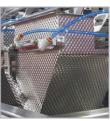
#### ARCHITECTURE



### **ELEVATORS**



MACHINERY



ENGINEERING



REFRIGERATION



### **TRANSPORT**



# GROUP STATEMENT

The Rimex Metals Group has been producing surface finishes on stainless steel and other metals since 1959. With comprehensive manufacturing facilities in the UK, the U.S.A., Australia and South Africa; stocking and distribution companies in Germany, France and Spain; and a global network of agents and distributors, Rimex is capable of delivering to anywhere in the world an extensive selection of exciting and dynamic finishes on a range of metals that include:

- ◆ **Textured patterns** produced by a unique cold rolling process to create 3-dimensional patterns on all types of metal.
- ◆ The ColourTex® range of coloured stainless steel.
- ◆ The **Granex**<sup>™</sup> finishes which is Rimex's bead blasted product range.
- ◆ MetalArt<sup>™</sup> finishes which represent state of the art surface finishing technology enabling standard and custom designs to be etched, bead blasted or coloured into stainless steel and other architectural metals.
- ◆ Rimex **Super Mirror** which is highly polished stainless steel.
- ◆ The Impressions™ finishes which are custom designs of different shapes, sizes and spacing that can be rolled into all types of metal.
- Rigitube<sup>™</sup> which is a patterned tube product.

With such a large selection of surface finishes, Rimex has established itself as the leader in the field of superior surface technology on metals.

Customer service and satisfaction is our priority and combined with an extensive and continued investment programme the Rimex Metals Group intends to retain its position at the forefront of metal finishing technology.

#### Т

- Note:
- Sample Statement: Samples supplied by Rimex are for promotional purposes only and are not to be used as control materials for goods supplied. If control samples are required for a specific order Rimex needs to be notified in advance.
- 2. Product Images Statement: Product images are not to scale. They are scaled to give the best visual representation of the product.
- 3. Promotional Advice and Materials Statement: All data, images, drawings, descriptions and other information furnished by Rimex including verbal information, in or on its website, catalogues, brochures, CD's, pamphlets, price lists, documents or any other promotional media are intended to be as accurate as possible but are given for general information only and are not binding on Rimex in respect of a particular order. All information, unless stated otherwise, is subject to reasonable variations. Rimex does not accept responsibility for errors or information which is found to be misleading. Before using products supplied or manufactured by Rimex, the customer should satisfy itself of their suitability for any required purpose.
- 4. Protective Tape Statement: Unless ordered to the contrary all material is coated with standard commercial protective tape. No warranty is provided by Rimex as to the suitability of coating used. A copy of appropriate data sheets are available upon request. If a warranty is required the customer should deal direct with a protective tape supplier and notify Rimex of the coating to be used. The use of non-standard protective tape might be an additional cost to previously quoted prices. Protective tape should be removed as soon as practical and should not be exposed to direct sunlight and temperatures that might cause delamination of adhesive on the coating. The customer is always advised to seek information from the coating manufacturer. Rimex cannot provide information or warranties in respect of protective tape.

Rimex Metals (UK) Ltd is



# PATTERNED FINISHES

# **A**ESTHETICS

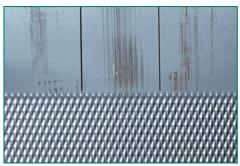
The Patterned Finishes provide a large selection of random and symmetrical designs that are modern and attractive in appearance.

## OIL CANNING

Oil canning can be reduced by using the Patterned Finishes to provide improved optical flatness making the product ideal for cladding systems.

## DURABILITY

The presence of a Patterned Finish will hide scratches, dents and other impact damage unlike plain flat and polished metals which too readily reveal the lightest of impact. The Patterned Finishes from Rimex are tried and tested, having been used for over 40 years because of their antivandal and durable properties.



Test sample illustrating the scratch resistance properties of Rimex's Patterned Finishes as compared to a satin polished finish.

# LONG TERM COST SAVINGS

As a direct consequence of the strength and durability benefits provided by the Patterned Finishes, long term cost savings are provided in maintenance and replacement of applications such as elevators, columns, doors, etc.

# LOW FRICTION SERVICES

The patterning process provides a reduced contact area so reducing friction problems common in food, drink and photographic machinery. This can significantly speed up production flow.

# HEAT INSULATION AND DISSIPATION

The appliance industry uses the Patterned Finishes because they provide heat insulation and dissipation advantages.

## WEIGHT SAVING

The patterning process increases the strength and rigidity of metal enabling lighter gauges to be used with consequent cost and weight savings.

## REFLECTIVE SURFACES

The Patterned Finishes are used in the lighting industry to break up glare.

# COLOURTEX® FINISHES

## VIBRANT APPEARANCE

The ColourTex® Product is unique in colour and the perspective that it provides. Unlike painted or other coloured metal products that can be flat in appearance, ColourTex® is reflective, lively and makes a dynamic material for construction projects, retail and catering applications and miscellaneous product use.

### COLOURFAST

ColourTex<sup>®</sup> is colourfast up to 200°C / 392°F.

## ADDITIONAL CORROSION RESISTANCE

The ColourTex® process provides an additional layer of protection to stainless steel that improves resistance to corrosive elements on exterior applications on buildings.

# SIGNS

The ColourTex® Finishes are ideal for signs where the colours are lively, vibrant and will not tarnish



# GRANEX™ FINISHES

## **A**PPEARANCE

 $\mathsf{Granex}^{^{\mathsf{m}}}$  is a matt finish that is ideal for subtle design applications.

 $Granex^{\text{\tiny M}}$  is a high quality non-reflective and non-directional finish.

#### NON-REFLECTIVITY

Granex<sup>™</sup> is supplied in various coarsenesses of finish which provide different levels of reflectivity.

# CONSISTENT BEAD BLAST FINISH ON SHEET MATERIAL

Rimex is expert at raw material selection and the provision of finishes on metals. Most bead blast manufacturers are not used to manufacturing sheet bead blast product and selecting suitable raw material. As a consequence the consistency of finish can be poor. Rimex has this expertise with the result that  $Granex^{\mathbb{N}}$  is a reliably consistent finish.

# RAW MATERIAL MANAGEMENT

With all the finishes manufactured by Rimex, raw material selection is crucial to the standard and quality of the final product that is supplied. Rimex is expert in material handling having been in the metal finishing industry since 1959.

# METALART™ FINISHES

### RANGE OF SELECTION

Rimex has over 50 standard MetalArt<sup>™</sup> Finishes to select from plus:

## **CUSTOM DESIGNS**

The flexibility of the MetalArt™ Finishes mean that unique designs are easily and affordably created.

# **COMBINATION FINISHES**

The in-house manufacturing capabilities of Rimex means that multiple and combination finishes can be utilised to create designs on metal that are truly unique.

# Impressions™ Finishes

# INDIVIDUAL DESIGN CONCEPTS

Create your own Impressions™ finish with flexible design options on the size of character, the layout and finishes that can be used.



# PATTERNED FINISHES

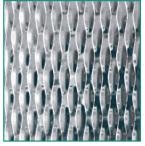
The Patterned Finishes are manufactured by cold rolling various metals in sheet and coil format. The patterned product is then levelled and processed for flatness.



Width: 1,000mm and 1,250mm STANDARD

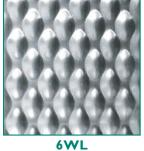
Gauge (Stainless Steel):
0.4mm MIN 1.0mm MAX

Gauge (Aluminium):



Width: 000mm and 1,250mm STD, 1,500mm on REQUEST Gauge (Stainless Steel):
0.3mm MIN 2.0mm MAX

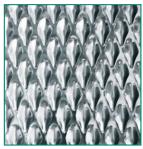
Gauge (Aluminium):



Width: 1,000mm and 1,250mm STANDARD

Gauge (Stainless Steel):
3.0mm MAX

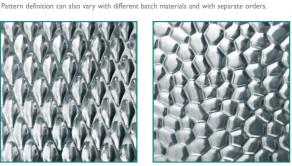
Gauge (Aluminium):
0.4mm MIN 3.0mm MAX



Width: SEE I,000mm and I,250mm STANDARD\* BELOW

Gauge (Stainless Steel):
0.4mm MIN 2.0mm MAX

Gauge (Aluminium):
0.4mm MIN 2.5mm MAX



Width: 1,000mm STANDARD

Standard manufacturing parameters are stated throughout this product catalogue. Please

The pattern definition can fall outside normal definition and registration requirements for gauges thicker than 1.5mm. Pattern definition will change with thicker gauges and can differ to samples.

enquire for non-standard requirements as these may be possible.

Gauge (Steel): 1.0mm MAX

Gauge (Aluminium):



9EH

1,000mm and 1,250mm STD, 1,500mm ON REQUEST

Gauge (Stainless Steel): 0.4mm MIN 2.0mm MAX

Gauge (Aluminium):
0.4mm MIN 2.0mm MAX



10WG

Width: 1,000mm and 1,250mm STANDARD

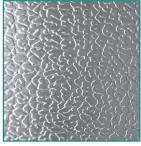
Gauge (Aluminium):
0.4mm MIN 2.0mm MAX



IIPS

Width:

I,000mm and I,250mm STANDARD



12LG

(Stainless Steel only)

Gauge (Stainless Steel):
0.8mm, 1.2mm, 1.5mm STANDARD
OTHER GAUGES BY APPLICATION.



13SD

1,000mm and 1,250mm STANDARD

Gauge (Stainless Steel): 0.4mm MIN 1.0mm MAX



**Cambridge** 

1,000mm and 1,250mm STANDARD

Gauge (Stainless Steel):
0.4mm MIN 2.0mm MAX

Gauge (Aluminium):



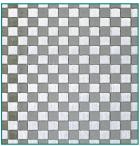
Canvas

(Stainless Steel only)

Width:

1,250mm standard

Gauge (Stainless Steel): 0.8mm, 1.5mm STANDARD



Checks

(Stainless Steel only)

Width:

1,250mm standard

Gauge (Stainless Steel): 0.8mm, 1.2mm, 1.5mm STANDARD



**Iceflower** 

(Stainless Steel only)

Width:

1,250mm standard

Gauge (Stainless Steel): 0.8mm, 1.2mm, 1.5mm STANDARD



Linen

(Stainless Steel only)

Width:

1,250mm standard

Gauge (Stainless Steel): 0.8mm, 1.2mm, 1.5mm STANDARD



Quilted

Width: 1,000mm and 1,250mm STANDARD

Gauge (Stainless Steel):
0.8mm MAX

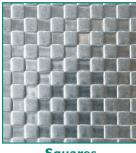
Gauge (Aluminium):



Rhomboids (Stainless Steel only)

Width: 1,250mm STANDARD

Gauge (Stainless Steel): 0.8mm, 1.2mm, 1.5mm STANDARD OTHER GAUGES BY APPLICATION



**Squares** 

(Stainless Steel only) Width:

,250mm STANDARD

Gauge (Stainless Steel):
0.8mm, I.2mm, I.5mm STANDARD



Width: 1,000mm and 1,250mm STD, 1,500mm ON REQUEST Gauge (Stainless Steel):
0.4mm MIN 3.0mm MAX

Gauge (Aluminium):
0.4mm MIN 4.0mm MAX



**Stainless steel:** all grades including 304 / 1.4301 • 316 / 1.4401 • 430 / 1.4016 **Aluminium:** all grades including 1,000, 3,000 and 5,000 series.

Brass, Bronze, Copper, Carbon steels, Galvanised steels, Mild steels and Titanium.

OTHER METALS AVAILABLE UPON REQUEST.

Stainless steel: 2B, bright annealed, bead blasted [see Granex" Finishes], coloured stainless steel [see ColourTex® Finishes] and various polish options [see Other Polished Finishes]. Aluminium: mill, satin, brushed and polished finishes.

Standard lengths are 2,000mm, 2,500mm and 3,000mm.

Standard widths are 1,000mm and 1,250mm. INDIVIDUAL PATTERN PARAMETERS ARE AS STATED BELOW THE PRODUC IMAGES, NON-STANDARD SLIT WIDTH REQUIREMENTS ARE AVAILABLE

\*Please check gauge and width compatibility before specifying or ordering the 7GM® product.

# ColourTex<sup>®</sup> Finishes

The ColourTex® can be combined with the substrate finishes of mirror or satin polishes, Granex™ bead blast or with Rimex's other product lines of Patterned or MetalArt™ finishes.

ColourTex® is a sheet product available on stainless steel only. The colours produced under the ColourTex® process are; black, blue, bronze, champagne, charcoal, gold, green and red.

The nature of coloured stainless steel is that the colour and/or tone may vary in different lighting conditions, between batches of stainless steel and production runs. It is often necessary to agree control samples prior to manufacture.

On larger orders it is advisable to agree control samples to define an agreeable colour range prior to the placing of an order. Unless control samples are agreed Rimex is not responsible for differences in tone and appearance of the ColourTex® product.

Due to the nature of the manufacturing process all ColourTex® products will be supplied with holes approximately 5mm in diameter that run down the length of one side of each sheet every 1,000mm.



**Mirror Black** 

Width:

Gauge:



**Mirror** Blue

Width: Gauge:



Mirror **Bronze** 

Gauge:



Mirror Champagne

Gauge:



Mirror Gold

Width:

Gauge:



**Mirror** Green

Width: Gauge:

Gauge:

Width:

Mirror

Red



Satin Black Charcoal

Width: Gauge:



Satin Flectro-Blue

Width: 1,000mm and 1,250mm STD Gauge:



Satin Flectro-Bronze

Width: Gauge:



Electro-Champagne

Width: Gauge:



Satin Flectro-Gold

Width: Gauge:



Satin Flectro-Green

Width: Gauge:



Flectro-Red

Width: Gauge:



**ColourTex®** Checks

Width: 1,250mm STANDARD Gauge: 0.8mm, I.2mm, I.5mm STD



Leathergrain

Width: 1.250mm STANDARD Gauge: 0.8mm, 1.2mm, 1.5mm std



Pagoda

Width: 1,000mm and 1,250mm STD Gauge:



**Paladin** 

Width: 1,000mm and 1,250mm STD Gauge:



**Pampas** 

Width: 1.000mm and 1.250mm STD

Gauge:



**Pearl** 

Width: 1,000mm and 1,250mm STD

Gauge:



**Pegasus** 

Width: 1,000mm and 1,250mm STD

Gauge:



**Pinstripe** 

Width: Gauge:



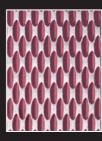
**Pippin** 

Width: Gauge:



**Poppy** 

Width: Gauge: 0.8mm MAX



Prism

Width: Gauge:



**Pyramid** 

Width: Gauge:



Quilted

Width: Gauge: 0.8mm MAX



Standard lengths are 2,000mm, 2,500mm and 3,000mm and the maximum length is 3,100mm.

Standard widths are 1,000mm and 1,250mm.

# BEAD BLASTED/GRANEX™ FINISHES

The Granex™ Finishes involve the controlled bead blasting of sheet and coil stainless steel and other metals with various media to produce a range of matt finishes in different coarsenesses.

Most bead blast providers peen components rather than sheet material.

By comparison because Rimex has extensive expertise in sheet raw material selection and handling alongside its abilities in metal finishing, the Granex<sup>™</sup> finishes produced by Rimex are more reliably consistent and are of a superior quality to those offered by other producers.



Granex™ MIA

Width: 1.000mm. 1,250mm and 1,500mm STD Gauge (Stainless Steel): 0.8mm - 5.0mm+



**Granex**<sup>™</sup> CIA

Width: 1.000mm. 1,250mm and 1,500mm STD Gauge (Stainless Steel): 0.8mm - 5.0mm+



NOTE:
Thicker gauges are available but the consistency of the visual appearance of raw material tends to deteriorate over 2.0mm and this can effect the appearance of the Granex Finishes with thicker gauges.

The Granex product can be supplied with minor defects which are present in the raw material. This is the nature of the finish.

Standard widths are 1,000mm, 1,250mm and 1,500mm.
Non-standard lengths are available upon request.



**G**ranex' **Black** 

**Width:** 1,000 Gauge (Stainless Steel): 0.8mm MIN 1.5mm MAX



**Granex** Blue

1,250mm and 1,500mm STD Gauge (Stainless Steel):



Granex™ **Bronze** 

1,250mm and 1,500mm STD Gauge (Stainless Steel): 0.8mm MIN 1.5mm MAX



Granex<sup>™</sup> Champagne

**Width:** 1,000 1,250mm and 1,500mm STD Gauge (Stainless Steel): 0.8mm MIN 1.5mm MAX



Granex Gold

1,250mm and 1,500mm STD Gauge (Stainless Steel):



Granex' Green

1,250mm and 1,500mm STD Gauge (Stainless Steel): 0.8mm MIN 1.5mm MAX



Granex™ Red

Gauge (Stainless Steel): 0.8mm MIN 1.5mm MAX

# METALART™ FINISHES

The MetalArt™ Finishes is a collective description of the effects that can be produced on stainless Note: steel and other metals by different processes that include controlled etching, the ColourTex® or For full details of the MetalArt" range. bead blasting processes, colour stripping or any of the other processes manufactured by Rimex.

Unique and custom designs are easily produced by transferring your computer generated artwork onto stainless steel and other metals.



please visit the MetalArt™ section on our website: www.rimexmetals.com











MA021 Cubix





























MA012 Tracks

MA033 Gems





# FORMS OF SUPPLY

METALS Stainless steel: all grades including 304/1.4301 • 316/1.4401

Bead blasted, etched, polishes including brush, satin and mirror polishes, utilisation of the ColourTex\* process, colour stripping; all of these can be used in combination together. PLEMSE ASK FOR FURTHER DETAILS.

LENGTHS
Standard lengths are 2,000mm and 2,500mm.
LONGER LENGTHS ARE AVAILABLE UPON REQUEST.

WIDTHS Standard widths are 1,000mm and 1,250mm.

MA056 Noveau MA071 Hori. Stripe MA280 Bubbles MA404 Paint Splatter 0.8mm to 1.5mm as standard.

# Custom MetalArt™ Finishes

# Some illustrations of custom MetalArt™ Finishes.

MA036 Neurona

These can be simple or complex designs utilising several finishing techniques including etching, the ColourTex® or bead blasting processes, colour stripping or any of the other processes manufactured by Rimex.





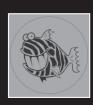












# SUPER MIRROR



Rimex's Super Mirror is as near a perfect polish that can be produced on stainless steel. Super Mirror is blemish free and has perfect reflective quality.

The reflectivity of Super Mirror creates light and space and is easily fabricated. Unlike glass mirror, Super Mirror can be used in food preparation, ceiling and high pedestrian areas because it will not shatter.

Rimex's Super Mirror is of a higher quality than No.7 and No.8 mirror polishes.



### METALS

LENGTHS

Stainless Steel: all grades including 304 / 1.4301 • 316 / 1.4401

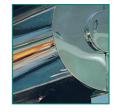
2,440mm and 3,050mm.

OTHER SIZES SUPPLIED BY SPECIAL ARRANGEMENT AND SUBJECT TO MINIMUM QUANTITIES. No.7 MIRROR POLISHED STAINLESS STEEL ALSO AVAILABLE UPON REQUEST.

# I 220mm

#### GAUGES

-0.8mm, 1.0mm, 1.2mm, 1.5mm and 2.0mm.



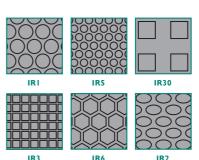
# Impressions™ Finishes

The Impressions™ Finishes allow large definition patterns to be formed and rolled into stainless steel, aluminium and other metals. The Impressions™ technology allows custom rolled designs to be created.

Options to consider include:

- ◆ The shape of the character impression.
- ◆ The position and layout of the impression.
- ◆ The metal to be used.
- ◆ The finish or finishes to be used which could be from the Patterned, ColourTex®, Granex™, MetalArt<sup>™</sup>, Super Mirror finishes or a brushed, satin or other polish.

A selection of some of the Impressions<sup>™</sup> Finishes are illustrated.



# FORMS OF SUPPLY

Stainless Steel, aluminium, brass and bronzes.
OTHER METALS UPON REQUEST.

FINISHES
Select from 2B, BA, bead blasted, etched, brush, satin and mirror polishes and utilisation of the ColourTex® process.
PLEASE ASK FOR FURTHER DETAILS.

LENGTHS Standard lengths are 2,000mm, 2,500mm and 3.000mm

# WIDTHS

Standard 1,250mm widths are 1,000mm and

# GAUGES

0.5mm - 0.8mm as standard. OTHER GAUGES UPON REQUEST.

# OTHER POLISHED FINISHES

Rimex manufactures the full range of polished finishes and combined with its raw material expertise can offer a high quality product and service. All metals including stainless steel and aluminium can be polished.

Polished finishes manufactured by Rimex are:

# **Belt polishes:**

- ◆ Silicon 120 to 320 Grit.
- ◆ Aloxide 40 to 180 Grit.
- ◆ Rimex operates a 2,000mm wide belt-polishing machine for wide material requirements.
- ◆ Diagonal and horizontal polishing is also available.

# **Brush polishes:**

- ◆ Brush polish.
- ♦ Hairline polish.

# **Mirror Finishes:**

- ♦ No.7 polish.
- ◆ See above for Super Mirror.

# **Custom polishes:**

- ◆ Angel Hair / Vibration Polish which is a random and delicate brush polish.
- ◆ Engine Turn / Circle Polishing.
- ◆ Combination or blended polishes are also possible. Please ask for further information.
- ◆ Multi-Directional polishes. Please ask for further information.



# RIGITUBE



RigiTube® is a patterned tube product that provides grip, durability and aesthetics that plain unpatterned tubing fails to offer.

Approved by disabled associations as a safety fitting because of its properties in providing grip to transit, engineering and architectural applications RigiTube® has practical benefits beyond aesthetics.

Durable and readily fabricated, RigiTube® can be used in all environments for foot and hand rail purposes. The use of a pattern will also hide and deflect scratches and dents.



# FORMS OF SUPPLY

## METALS

Stainless Steel: all grades including: 304/1.4301 • 316/1.4401 • 430/1.4016

## DIAMETERS

30mm and 35mm

#### LENGTHS 3.000mm and 6.000mm

# GAUGES

1.2mm and 1.5mm.

## PATTERNS

6WL, 7GM® and 7GM® reverse are sold as standard.

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# With manufacturing and supply throughout the world

















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