Product Benefits

Patterned Finishes

Aesthetics

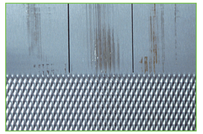
The Patterned Finishes provide a large selection of random and symmetrical designs that are modern and attractive in appearance.

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 anti-vandal 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 through reduced maintenance and replacement in 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 the of metal, enabling lighter gauges to be used with consequential cost and weight saving.

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.

Additional Corrosion Resistance

The ColourTex® process has been shown to enhance the resistance of stainless steel 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.

T22 Coloured Finishes

The T22 range of dynamic coloured products offers an extended set of options to the ColourTex® (INCO) coloured products.

Unlike the living colour qualities of the ColourTex® range of products, the T22 range, which are produced via a deposition process, offer a more solid coloured effect, commonly available off the shelf in core thicknesses, which has proven ideally suited to shopfitting, interior design and signage industries.

Appearance

GRANEX® is a matt finish that is ideal for subtle design applications.

GRANEX® is a high quality non-reflective and non-directional finish.

Non-Reflectivity (Reduced Reflectivity)

The GRANEX® finish. can be supplied in various levels of coarseness 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® 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 are expert in material handling having been in the metal finishing industry since 1959.

CernoTex™ Finishes

Ideal for use in interior applications, especially high 'touch traffic' areas, on a range of our natural, coloured surface and patterned stainless steel finishes.

The advantages are:

- Significant reduction in fingerprints and grease.
- Good fabrication characteristics.
- Perfect for high pedestrian areas.
- Low surface energy (Hydrophobic) – highly repellent of liquid.

Leeds University Archive, GB-Leeds Rimex finish MIRROR Bronze ColourTex®

Columbia Twins, D-Hamburg Rimex finish 6WL T22 Prestige RosyGold ColourTex®

Distributed in New Zealand by

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RIMEX METALS GROUP

Product List and Finishes

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RIMEX METALS GROUP

Product catalogue for the metal finishes manufactured by the Rimex Metals Group including Patterned, Bead Blasted and Polished finishes, ColourTex® and T22 coloured stainless steel and a 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 in Germany 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 **VORTEX™** finish which is an exclusive, subtle and non-directional polish, that can be applied onto all types of metals.
- The **ColourTex®** range of coloured stainless steel.
- The **T22** range of coloured finishes.
- The **GRANEX™** finishes which form Rimex's bead blasted product range.
- **CernoTex™ –** a ceramic, nanocoated, anti-fingerprint film which greatly enhances the aesthetic quality of the product by significantly reducing the adhesion of fingerprints and markings on stainless steel sheets.
- **Water Rhythm** 'free form' designs leave a distorted visual effect through a combination of broken reflections and its play on light.
- Rimex **Super Mirror** which is highly polished stainless steel.
- **RigiTube™** 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.

Note:

1. **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.

ISO 9001:2008 | Cert N° 11504
ISO 14001:2004 | Cert N° 2757

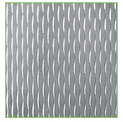
Patterned Finishes

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.

Note:

Standard manufacturing parameters are stated throughout this product catalogue. Please enquire for non-standard requirements as these may be possible.

The pattern definition can fall outside normal definition and registration requirements for gauges thicker than 1.5 mm. Pattern definition will change with thicker gauges and can differ to samples. Pattern definition can also vary with different batch materials and with separate orders.

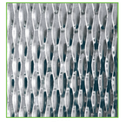


2WL

Width:
1000 mm and 1250 mm STANDARD

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

Gauge (Aluminium):
0.4 mm MIN — 1.2 mm MAX

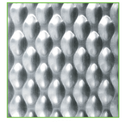


5WL

Width:
1000 mm and 1250 mm STD, 1500 mm ON REQUEST

Gauge (Stainless Steel):
0.3 mm MIN — 2.0 mm MAX

Gauge (Aluminium):
0.4 mm MIN — 2.5 mm MAX

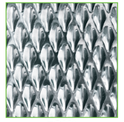


6WL

Width:
1000 mm and 1250 mm STANDARD

Gauge (Stainless Steel):
0.3 mm MIN — 2.0 mm MAX

Gauge (Aluminium):
0.4 mm MIN — 3.0 mm MAX

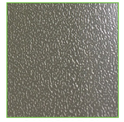


7GM®

Width:
1000 mm and 1250 mm STANDARD

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

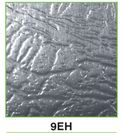
Gauge (Aluminium):
0.4 mm MIN — 2.5 mm MAX



SANDSTAR SL

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm — 1.5 mm MAX
Other Gauges by application.

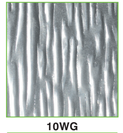


9EH

Width:
1000 mm and 1250 mm STD, 1500 mm ON REQUEST

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

Gauge (Aluminium):
0.4 mm MIN — 2.0 mm MAX

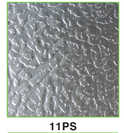


10WG

Width:
1000 mm and 1250 mm STANDARD

Gauge (Stainless Steel):
0.4 mm MIN — 1.5 mm MAX

Gauge (Aluminium):
0.4 mm MIN — 2.0 mm MAX



11PS

Width:
1000 mm and 1250 mm STANDARD

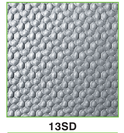
Gauge (Stainless Steel):
0.4 mm MIN — 1.5 mm MAX

Gauge (Aluminium):
0.4 mm MIN — 1.5 mm MAX

LEATHER OneTex™
(Stainless Steel only)

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.0 mm, 1.25 mm, 1.5 mm, 2.0 mm STANDARD
Other Gauges by application.



13SD

Width:
1000 mm and 1250 mm STANDARD

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

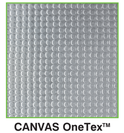
Gauge (Aluminium):
0.4 mm MIN — 1.0 mm MAX

CAMBRIDGE

Width:
1000 mm and 1250 mm STANDARD

Gauge (Stainless Steel):
0.4 mm MIN — 1.5 mm MAX

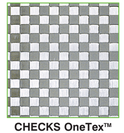
Gauge (Aluminium):
0.4 mm MIN — 2.0 mm MAX



CANVAS OneTex™
(Stainless Steel only)

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.0 mm, 1.25 mm, 1.5 mm, 2.0 mm
Other Gauges by application.



CHECKS OneTex™
(Stainless Steel only)

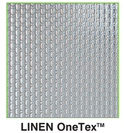
Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.0 mm, 1.25 mm, 1.5 mm, 2.0 mm
Other Gauges by application.

ICEFLOWER
(Stainless Steel only)

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.25 mm, 1.5 mm STANDARD
Other Gauges by application.



LINEN OneTex™
(Stainless Steel only)

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.0 mm, 1.25 mm, 1.5 mm, 2.0 mm
Other Gauges by application.

QUILTED

Width:
1000 mm and 1250 mm STANDARD

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

Gauge (Aluminium):
0.4 mm MIN — 1.2 mm MAX

RHOMBOIDS OneTex™
(Stainless Steel only)

Width:
1250mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.2 mm, 1.5 mm, 2.0 mm
Other Gauges by application.

SQUARES OneTex™
(Stainless Steel only)

Width:
1250 mm STANDARD

Gauge (Stainless Steel):
0.8 mm, 1.2 mm, 1.5 mm, 2.0 mm
Other Gauges by application.

TreadTex®

Width:
1000 mm and 1250 mm STD, 1500 mm ON REQUEST

Gauge (Stainless Steel):
0.4 mm MIN — 3.0 mm MAX

Gauge (Aluminium):
0.4 mm MIN — 3.0 mm MAX

Forms of Supply

Metals

Stainless steel: all grades including 1.4016 • 1.4301 • 1.4401 • 1.4404 • 1.4571

Aluminium: all grades including 1000, 3000 and 5000 series

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

Other metals available upon request.

Finishes

Stainless steel: 2B, bright annealed, bead blasted (see Granex™ Finishes), coloured stainless steel (see ColourTex® Finishes), mirror (various polish options (see Other Polished Finishes).

Aluminium: mill, satin, brushed and polished finishes.

Lengths

Standard lengths are 2000 mm, 2500 mm and 3000 mm. *Non-standard lengths are available upon request.*

Widths

Standard widths are 1000 mm and 1250 mm. *Non-standard widths are available upon request.*

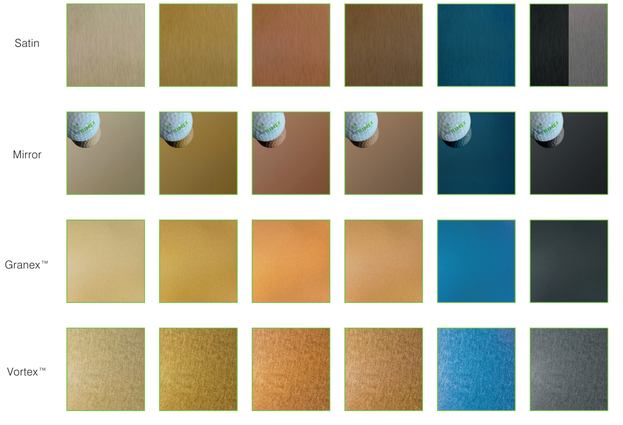
Please check grade and width compatibility before specifying or ordering the TreadTex® product.

ColourTex® Finishes

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 finishes.

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

ColourTex® Standard Colours



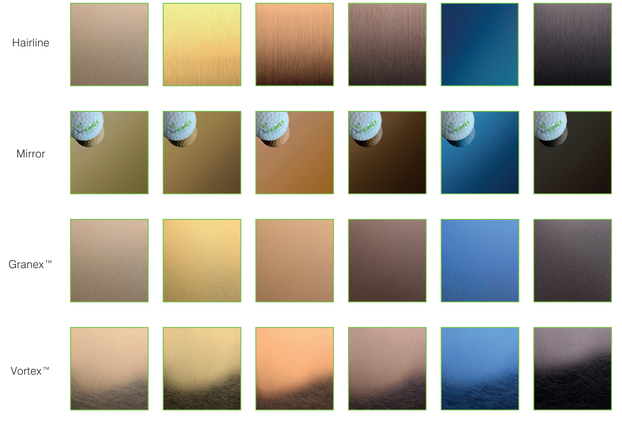
Combinations Coloured and Patterned

T22™ Coloured Finishes

The T22 range of dynamic coloured products offers an extended set of options to the ColourTex® coloured products.

Unlike the living colour qualities of the ColourTex® range of products, the T22 range, which are produced via a deposition process, offer a more solid coloured effect, commonly available off the shelf in core thicknesses, which has proven ideally suited to shopfitting, interior design and signage industries.

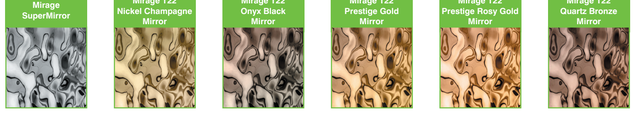
T22™ Standard Colours



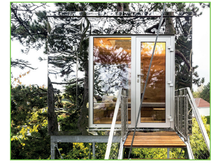
Water Rhythm

The Water Rhythm is kind of a 'free form' design are produced through large scale, 3-dimensional manipulation of stainless steel sheets. The final result leaves a distorted visual effect through a combination of broken reflections and its play on light.

Available as standard in the natural silver SuperMirror finish and with the option to combine this with the T22 Mirror range of coloured finishes.



SuperMirror



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

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

Rimex's SuperMirror – higher quality than Mirror No. 7 – superior quality of mirror-polished stainless steel.

Forms of Supply

Metals

Stainless Steel: all grades including 1.4301 • 1.4404

Lengths

2440 mm and 3050 mm
Other sizes supplied by special arrangement and subject to minimum quantities.
No.7 mirror polished stainless steel also available upon request.

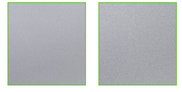
Widths

1250 mm.

Gauges

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

Bead Blasted/Granex™ Finishes



GRANEX™ M1A

GRANEX™ C1A

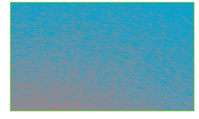
Note:

Thicker gauges are available but the consistency of the visual appearance of raw material tends to deteriorate over 2.0 mm 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.

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 coarseneesses.

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™ finishes produced by Rimex are more reliably consistent and are of a superior quality to those offered by other producers.

Vortex™



VorTex™ is a non directional polish, which brings to the fore the softer qualities of stainless steel in architectural design, through a diffusing effect at the material surface. The soft sheen resulting from the polishing process takes the specifier away from the historic and limiting contraints of the 240 silicon grit type flat polished steel products into new and exciting areas.

"Rimex offers a standard finish option, but can offer further control over the finish in the case of more specific requirements." Introduction of coloured variants of these options brings added exclusivity to the product and individuality to the project.

Forms of Supply

Metals

Stainless steel: grades including AISI 430 • 304 • 316. *Other metals manufactured upon request.*

Finishes

Stainless steel: 2B, bright annealed, patterned finishes, coloured stainless Steel (see ColourTex® Finishes).

Widths

Standard widths are 1000 mm and 1250 mm. Non-standard widths available upon request.

Lengths

Standard widths are 2000 mm, 2500 and 3000 mm. Non-standard lengths available on request.

Thicknesses

Thicknesses do range from 0.8 to 5.0 mm depending on finish and pattern. Non-standard thicknesses available upon request.

CernoTex™ Anti-Fingerprint (AFP) Surface

CernoTex™ is ideal for use in interior applications, especially high 'touch traffic' areas, on a range of our natural, coloured surface and patterned stainless steel finishes. This includes our Hairline, Satin, Granex™, VorTex™ for surface finishes and for patterned finishes, Canvas, Linen, Sandstar, Squares are good candidates for CernoTex™ treatment.

CernoTex™ is applied to flat sheets but still displays good fabrication characteristics meaning that bending to a desired form is still possible. We have successfully tested 180-degree bends with no cracking or peeling of the CernoTex™ layer. It has also been successfully tested for cutting with fibre and CO2 lasers as well as blanking, using punch and die techniques.

The advantages are:

- Superb for interior applications.
- Keeps metal products in pristine aesthetic condition.
- Reduced maintenance costs due to easier cleaning when compared to non-CernoTex™ treated surfaces.