

Creative accents: patterned strip and sheet.

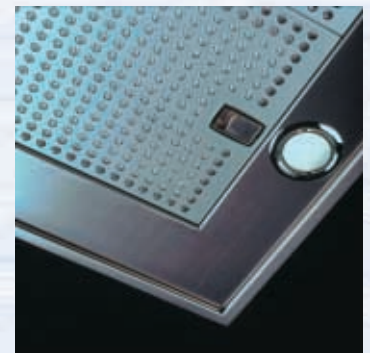
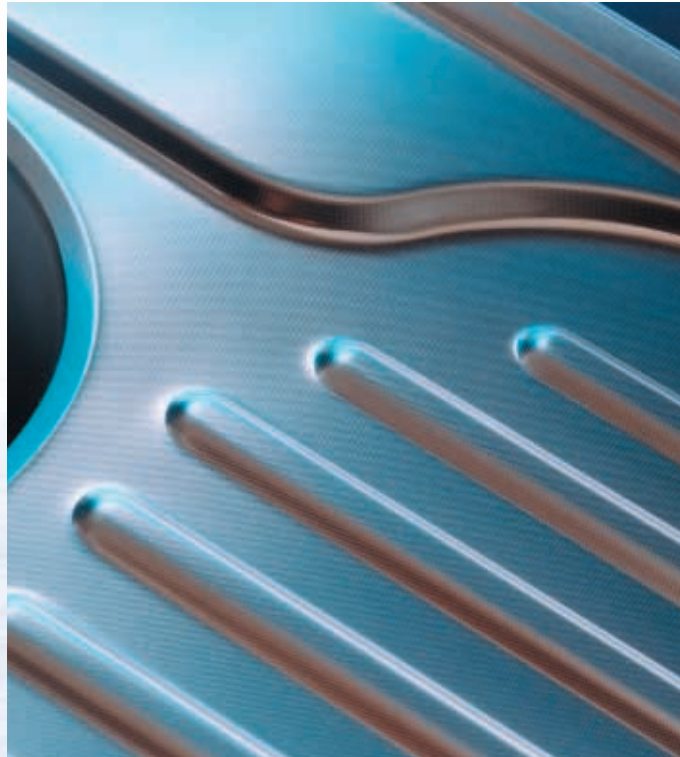


A company of
ThyssenKrupp Steel

ThyssenKrupp Nirosta



ThyssenKrupp



New patterns, new possibilities: design finishes from ThyssenKrupp Nirosta

Until now, the phrase “everything changes but change” didn’t seem to apply to patterned stainless steel surfaces. For over 30 years they have been dominated by four designs: linen, diamond, rhombus and leather, with the linen pattern far and away the most popular. But this does not reflect the technical possibilities now available for producing patterned stainless steel surfaces and places unnecessary restrictions on the creativity of stainless users. To remedy this, ThyssenKrupp Nirosta GmbH has now extended the range by adding a number of new design finishes.

The new finishes are called microchecker, microlinen, austenite, triangle, waterfall and haze. Four of them – microchecker, microlinen, haze and austenite – were designed for use on small surfaces, while the triangle and waterfall designs are more suited to large areas.

ThyssenKrupp Nirosta can supply these design finishes on strip and sheet of NIROSTA® 4016, NIROSTA® 4301 and NIROSTA® 4401. Other grades are available on request. The designs are created in an additional cold rolling pass after bright annealing, in which the upper work roll is replaced by a patterned roll. The material then undergoes renewed annealing.

Applications:

Interior and exterior design

- Facades
- Paneling
- Elevators
- Escalators
- Store construction
- Sanitary facilities
- Sauna stoves

Industry

- Design and construction of
- Facilities
 - Plants
 - Equipment

Domestic

- Appliances
- Worktops
- Sink units
- Single sinks

Delivery range

Materials

NIROSTA® 4016, NIROSTA® 4301, NIROSTA® 4401; other NIROSTA® materials on request.

Range of patterns

See pictures for standard patterns. Customized patterns can be developed to your specifications.

Pattern consistency

Due to the industrial production process, patterns from different deliveries may vary slightly in structure.

Packaging

We use our experience to select the most suitable form of packaging for transportation and intended use.

Minimum weights

See our catalogue "NIROSTA® and THERMAX® – Stainless and heat-resistant flat products of wide strip" for further details.

Strip width

For 1,500 mm strip width it is necessary to purchase a complete coil.

Dimensions

Delivery form	Thickness mm	Width mm	Length mm
Strip	0.5 - 0.79	10 - 1,250	–
	0.8 ≤ 2.00	50 - 1,500	–
Sheet	0.5 - 0.79	100 - 1,250	300 - 6,000
	0.8 ≤ 2.00	100 - 1,500	300 - 6,000

Greater thicknesses on request.

Standard patterns/ order numbers

Square	21
Diamonds	22
Microlinen	24
Linen	25
Leather Grain	42
Austenite	55
Haze	64
Microchecker	65
Waterfall	66
Triangle	67

In addition to patterned strip and sheet, NIROSTA® is also available in the following special designs:

- Blasted surface
 - uniform matt finish, low reflectivity
- Microlon ground
 - fine-ground high-polish finish for trouble-free fabrication.
- Polistar
 - non-directional mirror finish for highest visual and functional requirements.

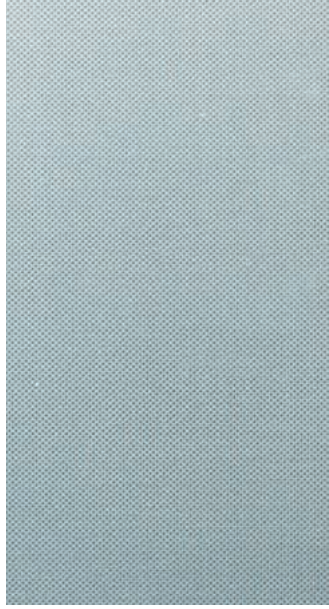
(Materials and dimensions on request)



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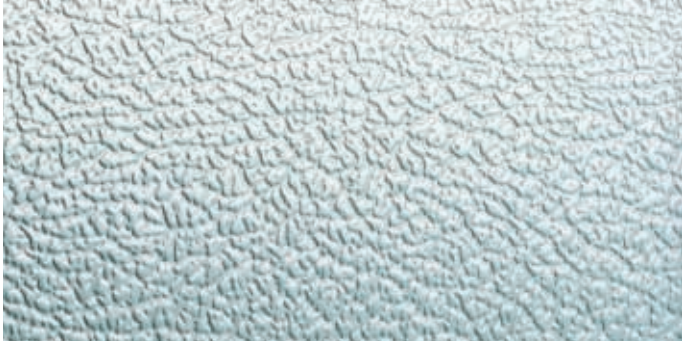
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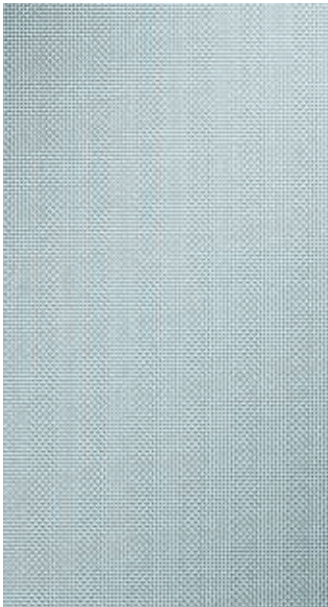
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Diamonds 22



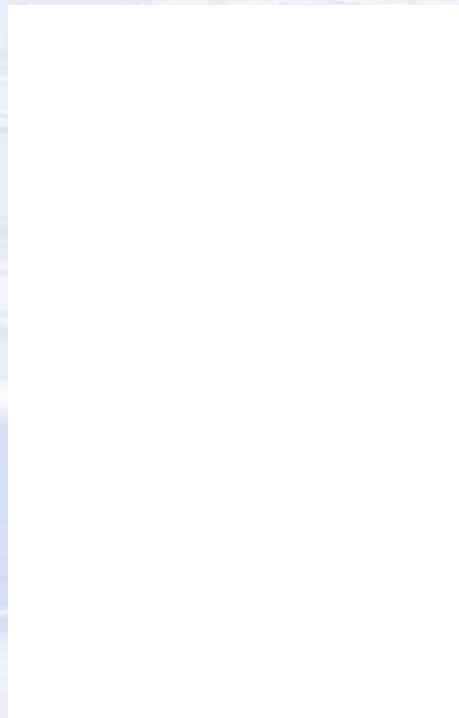
Linen 25



Triangle 67



Austenite 55



Microchecker 65



Waterfall 66

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Delivery range

- cold-rolled strip and sheet
- hot-rolled strip and sheet
- precision strip

in the steel grades

- NIROSTA®
stainless
- THERMAX®
heat-resistant



All ThyssenKrupp Nirosta's
production facilities are certified
to ISO 9001.

