



Deco Linen without Slubs

As the name implies this variant of a linen pattern does not show the distinctive linen thread.

General characteristics

Deco Linen without Slubs purely consists of a strictly geometrical repetition of closely situated alternating dots and dashes. This feature makes the finish less directional and results in a clearly structured, clean and elegant look. With or without slubs is of course entirely a question of taste and preferences. Though, we at Outokumpu feel that in applications in which the pattern is closely visible Deco Linen without slubs could be preferable as the linen thread might be sensed as a slight disturbance.

The texture is produced by embossing the pattern on one side of a stainless steel coil in a Sendzimir rolling mill.

Typical applications for this pattern are elevators, housings and interior/exterior architecture. While in elevators its aesthetic appeal in combination with a high robustness is exploited, on façades the alluring reflection characteristic is the reason for its popularity. Although the pattern itself is not visible anymore from a short distance, it still creates on the façade a diffused and smooth reflection of all the colors surrounding the building. Depending on daytime, weather condition or season this feature of a Deco Linen without Slubs façade lends to always new perceptions of a building.

In order to either fulfill specific glare regulations or meet an architect's particular taste, Outokumpu offers Deco Linen without Slubs with four different gloss characteristics. Besides the standard Deco Linen without Slubs which has the highest reflection, the lower reflecting versions are called Deco Linen Star without Slubs, Deco Linen Matt without Slubs and Deco Linen Supermatt without Slubs.

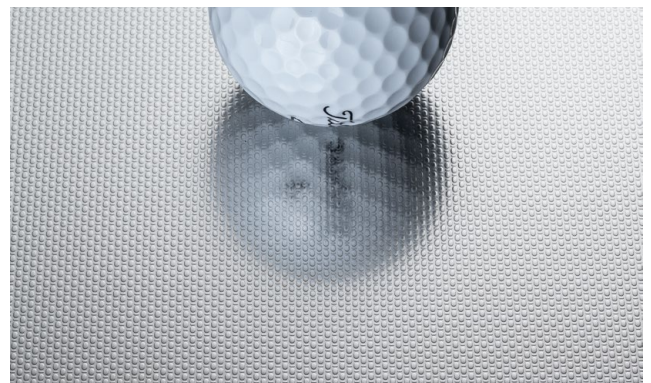


Fig. 1. Deco Linen without Slubs.

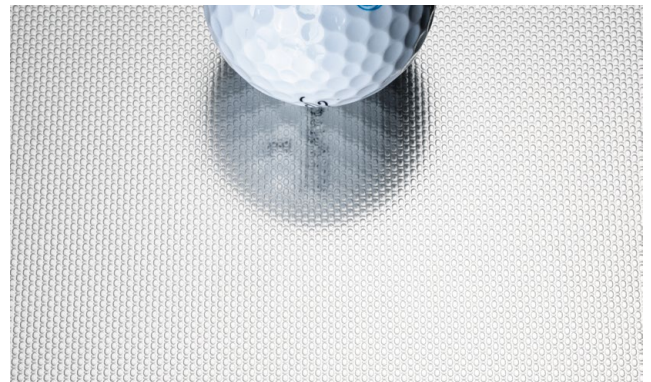


Fig. 2. Deco Linen Star without Slubs.

Deco Linen without Slubs

The initial and standard Linen version.

Deco Linen Star without Slubs

Compared to the standard Deco Linen without Slubs this high-end version goes through an additional production process which adds a very fine texture upon the pattern structure resulting in a more sparkling finish with slightly lower reflectance.

Deco Linen Matt without Slubs

Duller than regular Deco Linen without Slubs and Deco Linen Star without Slubs but nonetheless a lively finish due to a smooth and slightly glittering reflectance.

Deco Linen Supermatt without Slubs

This symbiosis of patterning and industrial bead blasting results in a homogeneously dull finish with well below 10% specular reflectance but still showing an unobtrusive sparkle.

For easy processability and perfect flatness all four Deco Linen versions experience a recovery annealing after the embossing process and are tension leveled. A double-sided embossing of individual patterns on top and bottom side might be possible on request.

Standards

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Table 1

Standard	Designation
EN 10088-2	2M
ASTM A480	-

Properties

Properties

Table 2

	Deco Linen without Slubs	Deco Linen Star without Slubs	Deco Linen Matt without Slubs	Deco Linen Supermatt without Slubs
Specular reflectance (indicative guiding values)	≈ 25 %	≈ 20 %	≈ 12 %	≈ 8 %



Fig. 3. Deco Linen Matt without Slubs.

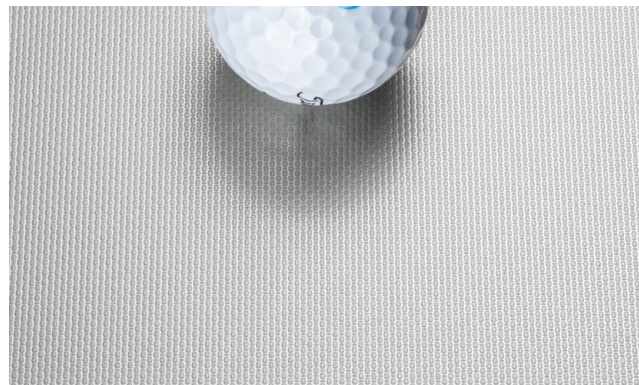


Fig. 4. Deco Linen Supermatt without Slubs.

Available steel grades

Available steel grades

Table 3

Outokumpu steel name	Deco Linen without Slubs	Deco Linen Star without Slubs	Deco Linen Matt without Slubs	Deco Linen Supermatt without Slubs
Moda 430/4016	X	-	X	-
Core 441/4509	X	-	X	-
Core 304/4301 Core 304L/4307	X	X	X	X
Supra 316/4401 Supra 316L/4404	X	X	X	X
Forta DX 2205	X	-	-	-

Other steel grades on request, please contact us.

Available dimensions

Deco Linen without Slubs available dimensions

Table 4

Outokumpu steel name	Tension leveled thickness range in width 1250 mm	Tension leveled thickness range in width 1500 mm	Not tension leveled thickness range in width 1250 mm	Not tension leveled thickness range in width 1500 mm
Moda 430/4016	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm
Core 441/4509	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm
Core 304/4301 Core 304L/4307	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm
Supra 316/4401 Supra 316L/4404	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm
Forta DX 2205	0.4–1.5 mm	0.5–1.2 mm	1.5–3 mm	1.2–3 mm

Deco Linen Star without Slubs available dimensions

Table 5

Outokumpu steel name	Tension leveled thickness range in width 1250 mm	Tension leveled thickness range in width 1500 mm	Not tension leveled thickness range in width 1250 mm	Not tension leveled thickness range in width 1500 mm
Core 304/4301 Core 304L/4307	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm
Supra 316/4401 Supra 316L/4404	0.3–3 mm	0.4–2.5 mm	3–3.5 mm	2.5–3.5 mm

Deco Linen Matt without Slubs available dimensions

Table 6

Outokumpu steel name	Tension leveled thickness range in width 1250 mm	Tension leveled thickness range in width 1500 mm	Not tension leveled thickness range in width 1250 mm	Not tension leveled thickness range in width 1500 mm
Moda 430/4016	0.3–3 mm	–	3–3.5 mm	–
Core 441/4509	0.3–3 mm	–	3–3.5 mm	–
Core 304/4301 Core 304L/4307	0.4–3 mm	0.6–2.5 mm	3–3.5 mm	2.5–3.5 mm
Supra 316/4401 Supra 316L/4404	0.4–3 mm	0.6–2.5 mm	3–3.5 mm	2.5–3.5 mm

Deco Linen Supermatt without Slubs available dimensions

Table 7

Outokumpu steel name	Tension leveled thickness range in width 1250 mm	Tension leveled thickness range in width 1500 mm	Not tension leveled thickness range in width 1250 mm	Not tension leveled thickness range in width 1500 mm
Core 304/4301 Core 304L/4307	0.5–3 mm	0.8–2.5 mm	3–3.5 mm	2.5–3.5 mm
Supra 316/4401 Supra 316L/4404	0.5–3 mm	0.8–2.5 mm	3–3.5 mm	2.5–3.5 mm

Typical applications

- Elevators
- Escalators
- Cash desks
- Exterior and interior architecture
- Sinks
- Claddings
- Facades
- Cash desks
- Display cases
- Machine housings
- Store design

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