

## Products available

- Organic coated coils - OC
- Hot dip galvanized coils and sheets – HDGC and HDGS
- Cold rolled coils and sheets – CRC and CRS

### 1. Steel Grades available

Product	Grade	Description	TDCS	remark
Coated products	DX51D +Z	Low carbon steel for cold forming	EN 10346	
	DX51D CBF*+Z	Low carbon steel for cold forming	EN 10346	*steel grade suitable for round shapes
	S220GD +Z	Steels for construction	EN 10346	
	S250GD +Z	Steels for construction	EN 10346	
	S280GD +Z	Steels for construction	EN 10346	
Cold rolled	S320GD +Z**	Steels for construction	EN 10346	** - Limited volume for all thickness
	DC01 Am	Low carbon steel for cold forming	EN 10130	
	DC03 Am	Low carbon steel for cold forming	EN 10130	

### 2. Dimensional range

Product	Thickness		Width		Length for sheets	
	Min. (mm)	Max. (mm)	Min. (mm)	Max. (mm)	Min. (mm)	Max. (mm)
Organic coated	0.27*	1.2	1000**	1250		
Hot dip galvanized	0.30*	2.0	1000**	1250	610	4880
Cold rolled	0.30*	2.5	1000**	1250	610	4880

\*for thickness < 0.30mm minimum coil weight must be 3 tons.

\*\*lower width than 1000mm accepted conditionally – availability of requested width

**Thickness 0.27mm for OC product is under validation, mill is open for limited volume**  
**Grade DX51D CBF is accepted with limited volume for limited range of applications**

#### 2.1. Thickness Tolerances

**N – normal tolerance**      **S – special tolerance**      **1/2EN – half EN – conditional agreement**

#### 2.2. Width Tolerances

**N – normal tolerance**      **S – special tolerance**

### 3. Quantity

Minimum quantity per item      20 MT      In special cases minimum Q-ty per item accepted is 15 MT

Quantity tolerances      If order ≤ 50MT tolerance is +/- 20%

If order > 50MT tolerance is +/- 10%

### 4. Quality documents according EN 10204

Mill test certificate 2.1 ; 2.2

Mill test certificate 3.1

For any new application or new customers recommendation is to start with trial of max 50 t to validate the product specification.

## 5. ORGANIC COATED

### 5.1. Zn coating range

Min. Z100	Z140	Z200	Z225	Max. Z275
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### 5.2. Paint coating combinations

type	side	code	Coating thickness	description	Aspect
Standard	top	SKSTDNW	25μ	5μ primer + 20μ top coating	smooth
	bottom	SKBSC-7	7μ	7μ back side coating	smooth
Double side 25	top	SKSTDNW	25μ	5μ primer + 20μ top coating	smooth
	bottom	SKSTDNW	25μ	5μ primer + 20μ top coating	smooth
Double side 20	top	SKSTDNW	25μ	5μ primer + 20μ top coating	smooth
	bottom	SKAA	20μ	5μ primer + 15μ top coating	smooth
Double side 14	top	SKSTDNW	25μ	5μ primer + 20μ top coating	smooth
	bottom	SKANW	14μ	5μ primer + 9μ top coating	smooth
Deepmat 25μ	top	SKHDM25NW	25μ	5μ primer + 20μ top coating	wrinkled
	bottom	SKBSC-7	7μ	7μ back side coating	rough
Deepmat 35μ	top	SKHDM35NW	35μ	10μ primer + 25μ top coating	wrinkled
	bottom	SKBSC-7	7μ	7μ back side coating	rough

\*Deepmat in 35 microns is ready for customer's trials, small quantities are accepted.

### 5.3. Available colors

Standard colors top side for smooth surface

9002	3009	8017	8019	5010	9006	6028	3011	DP302	TDM
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Standard colors for back side, coating code SKBSC-7

7030	8019
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\*All other colors according RAL card or color matching as per customer sample are available on request.

### 5.4. Coil inner diameter

Available diameters	tolerance	remark
508 mm	+/- 20mm	Carton sleeve available on coils
610 mm	+/- 20mm	No possibility for cartoon sleeve

### 5.5. Coil Weight

Standard offered CW	2 - 5 tons	3 - 6 tons	4 - 9 tons
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For rough colors like Deepmat maximum coil weight is limited to 6 tons

Gap between min and max coil weight must be 40% from max coil weight requested. Max coil weight is 9 kg/mm width

### 5.6. Packaging

Type of packaging		description
L16	Paper	VCI paper +Inside sleeve protection (cardboard*)+ 2 inner + 2 outer edge protection rings (steel), +3 circumferential +4 radial straps
L24	Hardboard	VCI Paper + Inside sleeve protection (cardboard*) +Outside sleeve protection (hardboard) + 2 side protection disks (steel), + 2 inner + 2 outer edge protection rings (steel), + 3 circumferential + 6 radial straps
L25	Metal	VCI Paper + Inside sleeve protection (cardboard*+steel) +Outside sleeve protection (steel) + 2 side protection disks (steel), + 2 inner + 2 outer edge protection rings (steel), + 3 circumferential + 6 radial straps

\*If ID 610 inside sleeve protection is Hardboard, or steel

## 6. Hot Dip Galvanized

### 6.1. Zn coating range

<b>Min. Z100</b>	<b>Z140</b>	<b>Z200</b>	<b>Z225</b>	<b>Max. Z275</b>
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### 6.2. Zn coating distribution

Only symmetrical coating accepted according EN 10346

### 6.3. Surface Aspect

Code	aspect	remarks
NA	Normal Spangle	Thicknesses <1.2mm bright surface, ≥1.2mm mat surface
NB	Zero Spangle (skin passed)	Material ready for painting, only without E-passivation (oiling recommended)

### 6.4. Surface protection treatment

Code	Treatment	remarks
C	E-passivated	Cr <sup>3+</sup> no Cr free available
O	Oiled	
CO	E-passivated +oiled	This option is not applicable as NBCO combination
U	Untreated	This untreated conditions accepted only if customer accept risk of corrosion.

### 6.5. Oiling conditions

Oiling Code	Oil q-ty	remarks
N – Normal	> 1 g/m <sup>2</sup>	All thicknesses
L - Light	0.5 - 1 g/m <sup>2</sup>	Limited to thicknesses < 1.2 mm
<b>VL – Very light</b>	<b>0.3 – 0.5 g/m<sup>2</sup></b>	<b>Under development. Limited to thicknesses &lt; 1.2 mm</b>

### 6.6. Coil inner diameter

610 mm with tolerance +/- 20mm

inside sleeve protection (cardboard) available on customer request

### 6.7. Coil Weight

Standard offered CW	3 - 6 tons	5 - 10 tons	6 - 15 tons
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Gap between min and max coil weight must be 40% from max coil weight requested. Max coil weight is 17 kg/mm width

### 6.8. Cut to length

Thickness (min – max)	Width (min – max)	Length (min – max)	Weight (min – max)
0.35 – 2 mm	610 – 1250 mm	610 – 4880 mm	2 - 5 MT

### 6.9. Packaging

Type of packaging	description	
C16	Paper	VCI paper +Inside sleeve protection (Hardboard) + 2 inner + 2 outer edge protection rings (steel), +3 circumferential +4 radial straps
C24	Hardboard	VCI Paper + Inside sleeve protection (hardboard) +Outside sleeve protection (hardboard) + 2 side protection disks (steel), + 2 inner + 2 outer edge protection rings (steel), + 3 circumferential + 6 radial straps
C26	Metal	VCI Paper + Inside sleeve protection (steel) +Outside sleeve protection (steel) + 2 side protection disks (steel), + 2 inner + 2 outer edge protection rings (steel), + 3 circumferential + 6 radial straps

## 7. Cold rolled

### 7.1. Surface

Code		remarks
A	Surface Quality	Defects as pores, small marks, minor scratches and light coloring
m	Surface finish	Roughness range from 0.6 to 1.9 microns (

### 7.2. Surface protection treatment

Code	Treatment	remarks
O	Oiled	
U	Untreated	This untreated conditions accepted only if customer accept risk of corrosion.

### 7.3. Oiling conditions

Oiling Code	Oil q-ty	remarks
N – Normal	> 1 g/m <sup>2</sup>	All thicknesses
L - Light	0.5 - 1 g/m <sup>2</sup>	Limited to thicknesses < 1.2 mm
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