

Drawing / photo of the product

KLIK 25, input coil width 600 mm



KLIK 25, input coil width 620 mm



KLIK 38, input coil width 600 mm



KLIK 38, input coil width 620 mm



Description

**Aluminium alloys**

Comax KLIK 25 and 38 is manufactured from aluminium sheet subsequently treated with organic coatings according to EN 1396 *Aluminium and aluminium alloys - Coil coated sheet and strip for general applications - Specifications*.

Comax KLIK 25 and 38 is manufactured in accordance with EN 14783 *Fully supported metal sheet and strip for roofing, external cladding and internal lining - Product specification and requirements* and EN 507 *Roofing and cladding products from metal sheet - Specification for fully supported products of aluminium sheet*.

Comax KLIK 25 and 38 has a wide range of applications as roofing, building cladding and a ceilings.

**HDG steel**

Comax KLIK 25 and 38 is manufactured from hot-dip galvanized steel supplied according to EN 10346 *Continuously hot-dip coated steel flat products for cold forming - Technical delivery conditions*. The surface is treated according to EN 10169+A1 *Steel flat products coated with organic coatings (coated coils) - Technical delivery conditions*.

Comax KLIK 25 and 38 is manufactured in accordance with EN 14782 *Self-supporting sheet metal products for roofing and exterior and interior lining - Product specification and requirements* and EN 508-1 *Sheet metal roofing - Specification for self-supporting coverings made of steel, aluminium or stainless steel sheet - Part 1: Steel*.

Comax KLIK 25 and 38 have a wide range of applications as roofing, cladding, ceilings or lost formwork.

Comax Roofs standard product range

COMAX KLIK 25 and 38																
Material	Surface treatment	Roofing	Weight [kg/lm]	3009	3011	3016	5010	6020	7016	7037	8004	8017	9005	9006	9010	
AIMn1Mg0,5 (EN AW-3005)	Non coated	Klik 25/495 thk. 0,7 mm, natural	2,29													
		Klik 38/470 thk. 0,7 mm, natural	2,41													
	Polyester TXT 25-30 µm + MAT	Klik 25/495 thk. 0,7 mm	2,29		✓					✓			✓			
		Klik 38/470 tl. 0,7 mm	2,41		✓					✓			✓			
		Klik 25/495 thk. 0,7 mm+Embos	2,29		✓					✓			✓			
		Klik 38/470 thk. 0,7 mm+Embos	2,41		✓					✓			✓			
		Klik 25/515 thk. 0,6 mm+Embos	1,95		✓					✓			✓			
		Klik 38/495 thl. 0,6 mm+Embos	2,05		✓					✓			✓			
	PVDF 28-37 µm	Klik 25/495 thk. 0,7 mm	2,29			✓				✓			✓			
		Klik 38/470 tl. 0,7 mm	2,41			✓				✓			✓			
	PUR/PA 45-55 µm	Klik 25/495 thk. 0,7 mm	2,29	✓						✓			✓			
		Klik 38/470 thk. 0,7 mm	2,41	✓						✓			✓			
DX52D + Z 275	Polyester 20-25µm GLOSS	Klik 25/515 thk. 0,50 mm	4,72	✓	✓				✓	✓	✓	✓	✓	✓	✓	
		Klik 38/495 thk. 0,50 mm	4,96	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓
		Klik 25/515 thk. 0,55 mm	5,19	✓	✓					✓	✓	✓	✓	✓	✓	✓
		Klik 38/495 thk. 0,55 mm	5,45	✓	✓					✓	✓	✓	✓	✓	✓	✓
	Polyester TXT 25-30 µm MAT	Klik 25/515 thk. 0,55 mm	5,19							✓			✓			
		Klik 38/495 thk. 0,55 mm	5,45							✓			✓			
	PUR/PA 45-55 µm	Klik 25/515 thk. 0,55 mm	5,19	✓						✓			✓	✓		
		Klik 38/495 thk. 0,55 mm	5,45	✓						✓			✓	✓		



Standard shades

Minimal amount of 400 m<sup>2</sup> – more than 600 shades

Common properties of aluminium and galvanised steel

- Fire reaction class: A1
- External fire performance: class BROOF (t1), class BROOF (t2), class BROOF (t3)
- Profile length: Al 600-6 000 mm
- Packing on pallet – according to packing direction or customer's request
- Minimal roof pitch COMAX KLIK 25 is 14° and COMAX KLIK 38 is 9°
- Coefficient of thermal expansion of steel  $12 \times 10^{-6} \text{K}^{-1}$  and aluminium alloy  $24 \times 10^{-6} \text{K}^{-1}$

Mechanical properties

Material	H		R <sub>m</sub> MPa		R <sub>p0,2</sub> Mpa
			min.	max.	
<b>ALMn1Mg0,5 (EN AW-3005)</b>	0/H111	soft	115	165	45
	H12/H22	1/4 hard	145	195	125
	H14/H24	1/2 hard	170	215	150
	H16/H26	3/4 hard	195	240	175
	H18/H28	hard	220		200

Steel grade according to EN 10346	Yield strength R <sub>p0,2</sub> MPa	Tensile strength R <sub>m</sub> MPa	Ductility A <sub>80</sub> min. %
<b>DX51D+Z</b>	-	270-500	22
<b>DX52D+Z</b>	140-300	270-420	26
<b>DX53D+Z</b>	140-260	270-380	30

Technical parameters

COMAX KLIK 25 / 38	Al	FeZn
Profile height [mm]	25/38	25/38
Wave distance [mm]	495/470	520/495
Effective width [mm]	495/470	520/495
Total width [mm]	495/470	520/495
Maximum profile length [mm]	6 000*	6 000*
Minimum profile length [mm]	800	800
Input coil width [mm]	600	625
Standard material thickness [mm]	0,6-0,7	0,5-0,6

\* even longer lengths can be produced after consultation with the technical department

Surface treatment

Coating	Min. coating thickness (µm)	Surface treatment system (according to usage)	Double-sided coating	Functional warranty	Corrosive resistance	UV resistance
<b>Polyester HD</b>	20	One / two-layer coating	Yes	10 years	RC3	RUV2
<b>Polyester TXT</b>	25	Two-layer coating	Yes	10 years	RC3	RUV3
<b>PVDF</b>	28	Two / three-layer coating	Yes	12 years	RC4**	RUV4
<b>PUR/PA</b>	45	Two-layer coating	Yes	20 years	RC5**	RUV4
<b>Reverse side</b>		Reverse in colour	Yes	1 year	-	RUV2
<b>Al</b>	5-7					
<b>FeZn</b>	15-19					
<b>**RC4, RC5 - warranty according to Environmental questionnaire</b>						

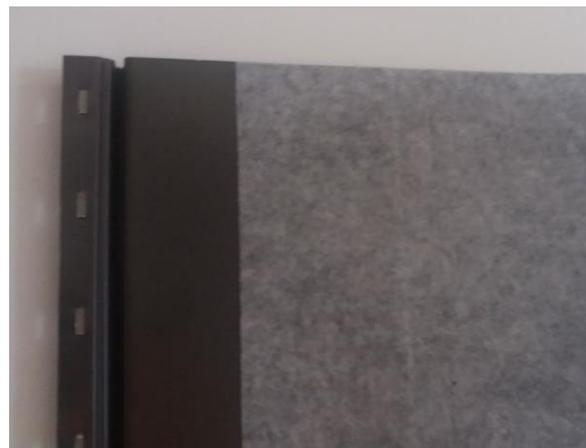
Anti-noise foil

Comax KLIK 25 can be supplemented with an anti-noise foil, which is applied to the underside of the roofing.

The foil reduces noise and vibration of the roof during rain and wind and serves as an anti-condensation layer.

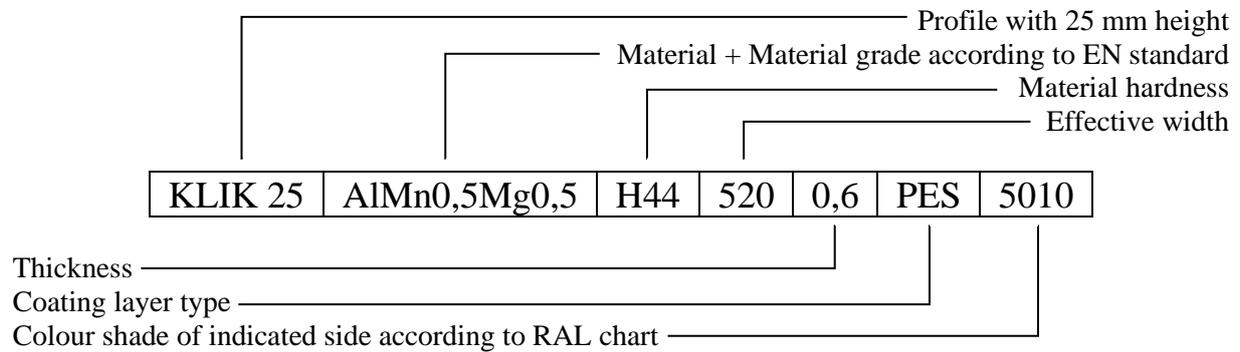
The use of the foil is suitable for the installation of roofing sheets.

The foil must not be exposed to UV radiation as this will cause it to disintegrate.



Foil width	400 mm
Foil thickness	0,2 mm
Foil weight	200g / m <sup>2</sup> ±10%
Foil shade	White / black melange, white

Labelling



The product is labelled with CE conformity in accordance with EN 14783 *Fully supported metal sheet and strip for roofing, external cladding and internal lining - Product specification and requirements.*

Notification

Metal wastes do not pollute the environment, they are recyclable.  
The products do not contain any substances above the limits set by the European REACH and RoHS legislation.