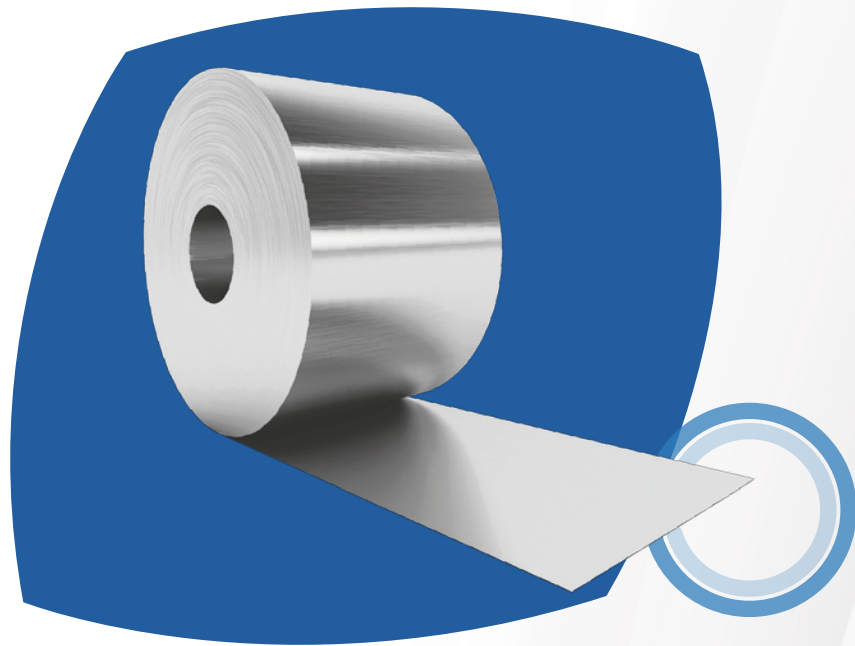




METAL STRIP FOR KR-18



Metal strip provides the necessary requirements for thickness, hardness, temper, dimensions, steel grade, and mechanical properties, with strict and guaranteed tolerances.

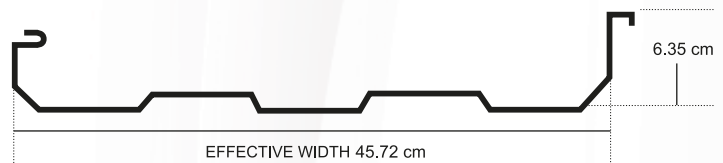
Metal Strip for KR-18 is supplied in 24 " width with a tolerance of $-1/8"$ + $1/8"$ in different finishes, galvanized, aluminum-zinc, painted and minimum grain, in gauges 20 to 26.

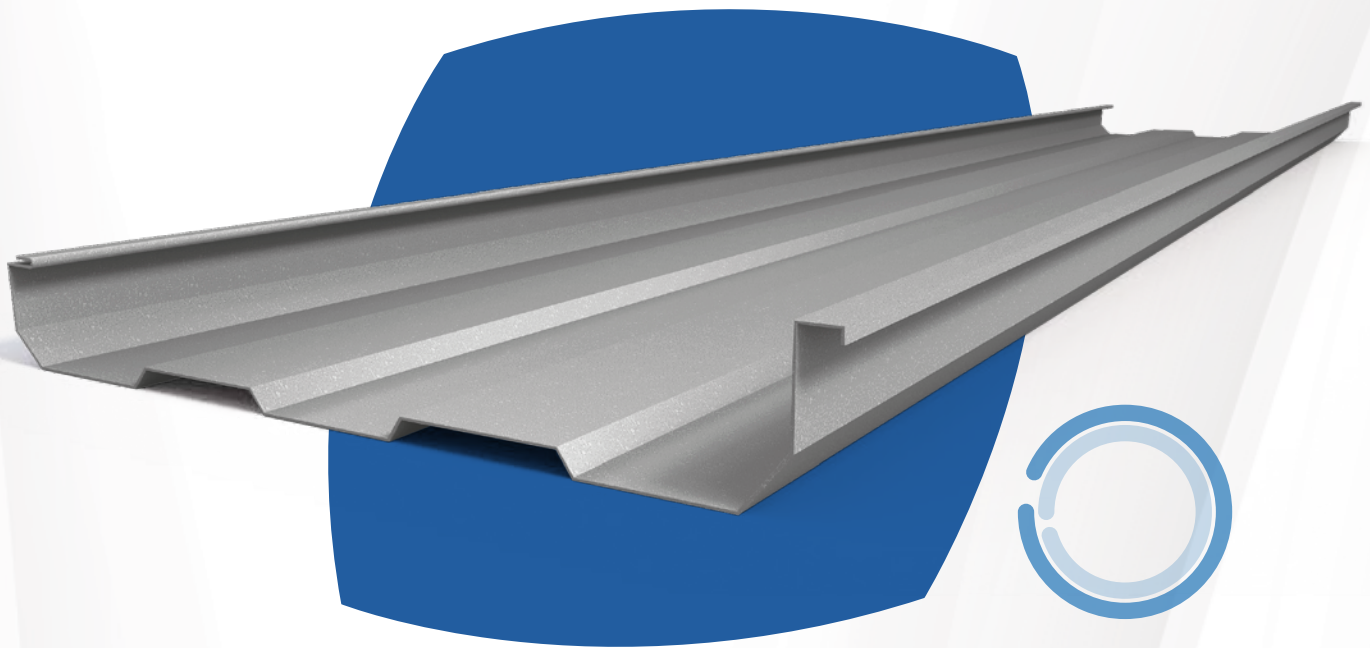
It is used for applications within the construction, automotive, electrical, electronics industries, as well as commercial buildings and metal mechanics industry in general.

It represents a cost reduction for your project for the next reasons:

- Controlled thickness according to specifications.
- Production process time reduction.
- Higher productivity due to less adjustment in machines and tools.
- Considerable reduction in defective products.
- Greater inventory availability and just-in-time deliveries.
- Personalized professional advice.

We supply the tape in linear meters requested by the client to optimize yields. Esj offers a whole approach Solution for roof installation, such as dips, moldings, screws, etc.





SSR KR-18 is a sheet metal section manufactured on site and fixed to the structure with fixed or sliding clips.

Advantages:

- Manufactured without length restrictions from ridge to gutter.
- Hidden fixing system, reducing the risk of possible leaks.
- Longitudinal ribs provide structural resistance necessary to avoid deformations in its flat section.
- Aluminum-zinc coating provides up to three times more durability and corrosion resistance than galvanized.
- The painted coating offers a variety of colors, a high durability and resistance to weathering.

This Section is manufactured on site.

90 Degrees Binding Properties					
Gauge	Weight per installed Area kg/m ²	Ix+ (cm ⁴ /m)	Sx+ (cm ³ /m)	Ix+ (cm ⁴ /m)	Sx+ (cm ⁴ /m)
20	9.910	47.39	9.30	47.25	9.35
22	8.316	39.33	7.53	38.92	7.74
24	5.923	30.45	5.48	29.77	6.08
26	5.126	21.44	3.55	20.62	4.41

Load Capacity (kg/m ²)								
Support Condition	Gauge	Span between supports						
		0.75	0.9	1.05	1.2	1.35	1.5	1.65
Simple Support One Span	26	660	528	386	293	230	186	151
	24	1002	811	596	454	357	288	239
	22	1339	1114	816	621	489	396	327
	20	1705	1378	1012	772	606	489	406
Double Support Two Spans	26	826	640	474	362	288	230	191
	24	1251	880	650	498	391	318	264
	22	1598	1119	826	630	498	406	332
	20	1935	1354	997	767	606	489	401
Triple Support Three Spans	26	826	689	547	420	332	269	225
	24	1251	1021	757	582	459	371	306
	22	1676	1300	958	738	582	469	391
	20	2136	1569	1163	889	704	572	469

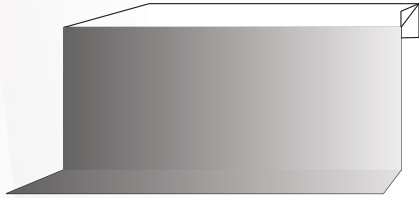
Notes and Specifications:

1. Maximum allowable deflection L/120.
2. Steel Elasticity Module 2.1x10⁶ kg/cm².
3. Maximum work stress of 1560 kg/cm²
4. This sheet metal is produced according to ASTM A-653 Specifications.
5. Built with fy 37 ksi and fy 33 ksi steel.

KR-18 SYSTEM



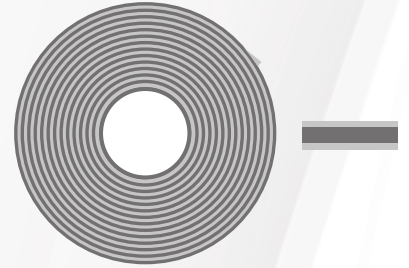
ACCESSORIES:



Fixed Clip



Sliding Clip



Butyl Rubber



Inferior Closure



Top Closure



Galvanized screw



Polyisocyanurate



Repair Tape



Fiberglass

These components are used in the KR-18 System.