

Dagangan : NON-ALLOY GALVANISED STEEL
COIL

Nama Perdagangan : Galvanised Steel Sheet in
Coil

Kod Tarif (Perintah Duti Kastam 2012) :

7210.49 210

Tarikh Kelulusan : 12 Januari 2017

Keterangan barangan :

Barangan di namakan sebagai *Galvanised Steel Coil* merupakan kepingan besi dengan ukuran 1000 mm lebar (*width*) dan berketebalan (*thickness*) 0.33 mm.

Sampel barangan yang disertakan adalah seperti gambar di bawah :-



Kegunaan barangan adalah untuk menghasilkan *metal stud (ceiling batten, u-channel, L-angle, c-channel, corner beam & etc)* yang digunakan sebagai sistem kerangka *plaster ceiling* dan *partition* melalui proses *bending*.

Terdapat *pattern* iaitu *spangle* yang dilihat pada permukaan barangan seperti gambar di atas.

Berdasarkan *spangle* yang dapat dilihat pada permukaan sampel yang dikemukakan, barangan disadur (*coated*) melalui proses *hot dipping*.

Barangan merupakan kepingan besi yang disadur (*coated*) dengan *Zinc*.

Komposisi barangan adalah seperti berikut :

Commodity Name	Galvanised Steel Coil	
Grade	Q195 – Structural Steel	
Size	0.33 mm x 1000 mm	
Chemical Composition	Element	Composition (%)
	Carbon	0.02 – 0.5
	Manganese	0.3 – 0.4
	Phosphorus	0.01 – 0.02
	Sulphur	0.012 – 0.021
	Silicon	0.16 – 0.21

Laporan analisa pakar mengesahkan sampel terdiri kebanyakannya daripada ferum yang dilapisi pada permukaan luarnya dengan *zinc*.

Ketua Pengarah Kastam Malaysia memutuskan barangan tersebut sesuai diperjeniskan di bawah kod tarif **7210.49 210** sebagai ***flat-rolled products of non-alloy steel, of a width of 600mm or more, hot-dipped coated with zinc, non corrugated, containing by weight less than 0.6 % of carbon: of a thickness not exceeding 1.5 mm.***

Barangan adalah kepingan besi *non-alloy* dengan ketebalan 0.33 mm dan lebar 1000 mm yang disadur (*coated*) dengan *zinc* melalui proses *hot dipped* dengan kandungan karbon 0.02%-0.5%.

Analisis pakar mengesahkan sampel terdiri kebanyakannya daripada ferum yang dilapisi pada permukaan luarnya dengan *zinc*.

Kandungan elemen *carbon* yang terkandung di dalam barangan adalah 0.02%-0.5%. Oleh itu, barangan menepati definisi *steel* sesuai sebagaimana keterangan EN HS 2012 *Chapter Note 1(d)* muka surat XV-72-1 iaitu :-

Steel

*Ferrous materials other than those of heading 72.03 which (with the exception of certain types produced in the form of castings) are usefully malleable and which **contain by weight 2 % or less of carbon**. However, chromium steels may contain higher proportions of carbon.*

Barangan menepati definisi *flat-rolled products* di mana barangan mempunyai ketebalan 0.33 mm dan lebar 1000 mm. Ini sesuai sebagaimana keterangan EN HS 2012 *Chapter Note 1(k)* muka surat XV-72-3 iaitu :-

Flat-rolled products

Rolled products of solid rectangular (other than square) cross-section, which do not conform to the definition at (i) above in the form of :

- *coils of successively superimposed layers, or*
- *straight lengths, which if of a **thickness less than 4.75 mm are of a width measuring at least ten times the thickness** or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness.*

Barangan sesuai sebagai *non alloy steel* di mana kandungan *manganese, phosphorus, sulphur* dan *silicon* tidak memenuhi definisi *stainless steel* dan *alloy steel* seperti mana yang di nyatakan di dalam EN HS 2012 *Chapter Note 1(e)* dan *Chapter Note 1(f)* iaitu :-

Chapter Note 1(e)

(e) *Stainless steel*

Alloy steels containing, by weight, 1.2 % or less of carbon and 10.5 % or more of chromium, with or without other elements.

Chapter Note 1(f)

(f) Other alloy steel

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3 % or more of aluminium
- 0.0008 % or more of boron
- 0.3 % or more of chromium
- 0.3 % or more of cobalt
- 0.4 % or more of copper
- 0.4 % or more of lead
- 1.65 % or more of manganese
- 0.08 % or more of molybdenum
- 0.3 % or more of nickel
- 0.06 % or more of niobium
- 0.6 % or more of silicon
- 0.05 % or more of titanium
- 0.3 % or more of tungsten (wolfram)
- 0.1 % or more of vanadium
- 0.05 % or more of zirconium
- 0.1 % or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.

Perbandingan di antara keperluan di dalam Chapter Note 1(f) dan juga barangan :-

Element	% kandungan di dalam barangan	Keperluan di dalam Chap Note 1(f)
Manganese (Mn)	0.3%-0.4%	1.65% or more
Phosphorus (P)	0.01%-0.02%	0.1% or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.
Sulphur (S)	0.012%-0.021%	0.1% or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.
Silicon	0.16%-0.21%	0.6% or more

Berdasarkan perbandingan di atas, barangan adalah tidak sesuai sebagai *alloy steel*.

Melalui pemerhatian sampel dan *mill certificate*, barangan di sadur (*coating*) melalui kaedah *hot dip* berdasarkan *spangle* yang kelihatan pada permukaan sampel. Oleh itu, barangan tidak sesuai di perjeniskan sebagai *electrolytically plated or coated with zinc* berdasarkan keterangan EN HS 2012 muka surat XV-72-11 dan XV-7210-2 iaitu :-

EN HS muka surat XV-72-11 :

(IV) Production of finished products

(A) – (B)

(B) Subsequent manufacture and finishing

(a) – (c)

(d) (i)-(iii)

(iv) coating with metal (metallization) the main processes being:

- *immersion in a bath of molten metal or metal alloy e.g., hot-dip galvanizing, tinning, hot-coating with lead, and aluminium coating;*
- *electroplating (cathodic deposition of a coating metal on the product to be coated, by electrolysis of a suitable solution of metallic salts), e.g., with zinc, cadmium, tin, lead, chromium, chromium/chromate, copper, nickel, gold or silver;*

EN HS muka surat XV-7210-2:

Subheadings 7210.30, 7210.41 and 7210.49

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To distinguish between products electrolytically plated or coated with zinc and products otherwise plated or coated with zinc, the following procedure can be used:

- *The products are first to be examined for the presence or otherwise of spangle by visual or microscopic observations.*
- ***If spangle is detected, they are hot-dipped zinc-coated products. If spangle is not detected, even when magnified 50 times, the coating should be chemically analysed.***

Barangan merupakan sejenis *non corrugated steel* dengan peratus kandungan carbon sebanyak 0.02 – 0.5 % dan berketebalan 0.33 mm. Keterangan ini sesuai berdasarkan definisi *corrugated flat-rolled products* di dalam EN HS 2012 muka surat XV-7208-2 iaitu :-

Corrugated flat-rolled products means those having a regular wave pattern in the form of a curved (e.g., sinusoidal) line. For the purpose of determining classification, the width of the corrugated side is to be taken as its effective width in the corrugated form.

Barangan mendapat liputan di dalam EN HS 2012 muka surat XV-7210-1 seperti berikut :

72.10 – Flat-rolled products of iron or non-alloy steel, of a width of 600 mm or more, clad, plated or coated

- *Otherwise plated or coated with zinc :*

7210.49 -- *Other*

This heading covers the same kind of products as described in heading 72.08 or 72.09, but, to fall in this heading, they must be clad, plated or coated.

For the purpose of this heading, the expression clad, plated or coated applies to the products which were subjected to one of the treatments described in Part (C) (2), Items (d) (iv), (d) (v) and (e) of the General Explanatory Note to this Chapter.

This heading excludes:

- (a) *Flat products clad with precious metal (Chapter 71)*
- (b) *Products of heading 83.10*