

Location



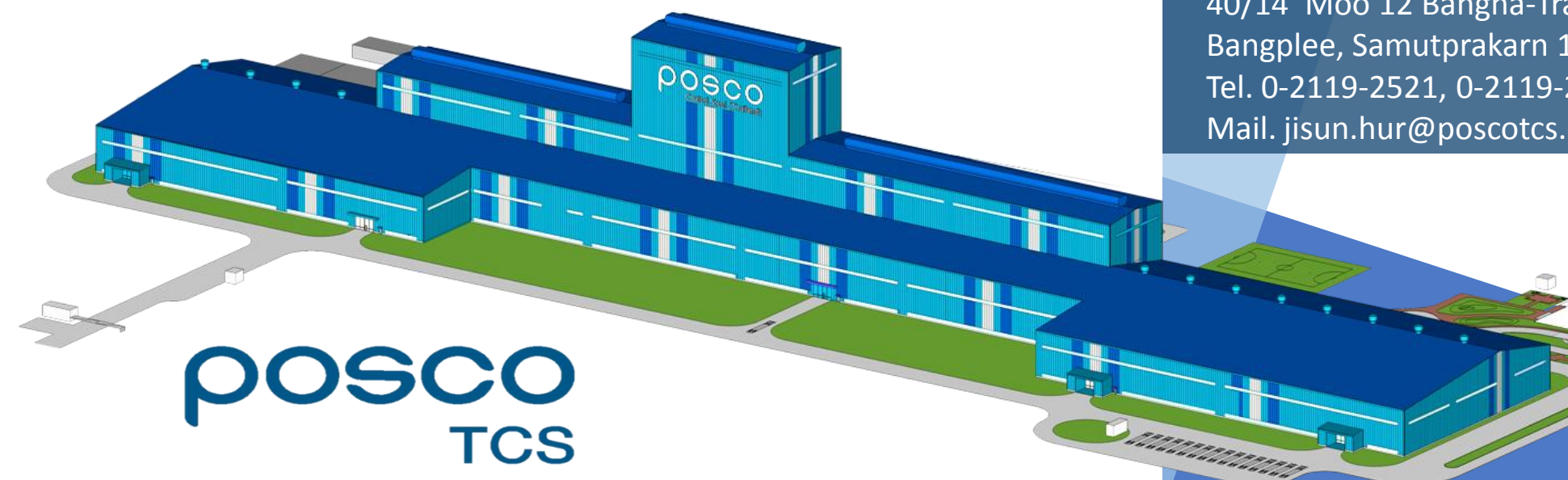
POSCO COATED STEEL (THAILAND) CO.,LTD.

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- **Factory**

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POSCO Thailand Coated Steel Co.,Ltd.

POSCO (formerly Pohang Iron and Steel Company) is a multinational steel-making company headquartered in Pohang, South Korea. It had an output of 39.1 million tones of crude steel in 2011, making it the world's fourth-largest steelmaker by this measure. In 2010, it was the world's largest steel manufacturing company by market value. Also, in 2012, it was named as the 146th world's largest corporations by the Fortune global 500.

POSCO currently operates two integrated steel mills in South Korea, in Pohang and Gwangyang. In addition, POSCO operates a joint venture with U.S. Steel, USS-POSCO, which is located in Pittsburg, California, United States.

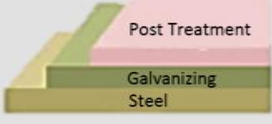



POSCO's Headquarters, along with the POSCO Center, form the 'brain' of the company, overseeing major tasks, such as the management, planning, and finances of the steelworks at Pohang and Gwangyang. The construction of POSCO headquarters at 1 Goedong-dong, Nam-gu, Pohang, was completed on April 1, 1987, and has since become a structure that symbolizes the entire company.

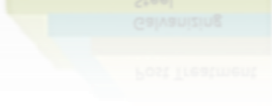
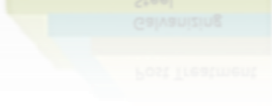
POSCO's
Headquarters



Continuous Galvanizing Line

CGL

| Product | Coating Layer Structure | Characteristics | Appearance |
|---------------------------|---|--|---|
| GI (Galvanized Steel) |  | While molten zinc solidifies on the surface of the steel sheet, normal zinc crystallization is suppressed creating fine crystals. The surface is flat and has a fine appearance after painting. Paint ability is superior to regular products. |  |
| GA (Galvanealed Steel) |  | By a thermal diffusion process. Steel sheet and zinc react to produce and alloy layer. The weld ability and the paint ability are superior to galvanized steel sheets. Fe in the alloy layer enhances corrosion resistance after coating. |  |

| | |
|---|---|
|  |  |
|---|---|

| Coating Type | GI | GA |
|-----------------|-------------------------|-------------------------|
| Coating Weight | 60-600 gsm (Both sides) | 60-120 gsm (Both sides) |
| Coil Weight | 5.0 -30.0 MT | |
| Inside Diameter | 508 mm & 610 mm | |

| Post Treatment | GI | GA |
|----------------|-----------|-----------|
| Cr-Free (NC) | Available | Available |
| Phosphate (SP) | Available | Available |

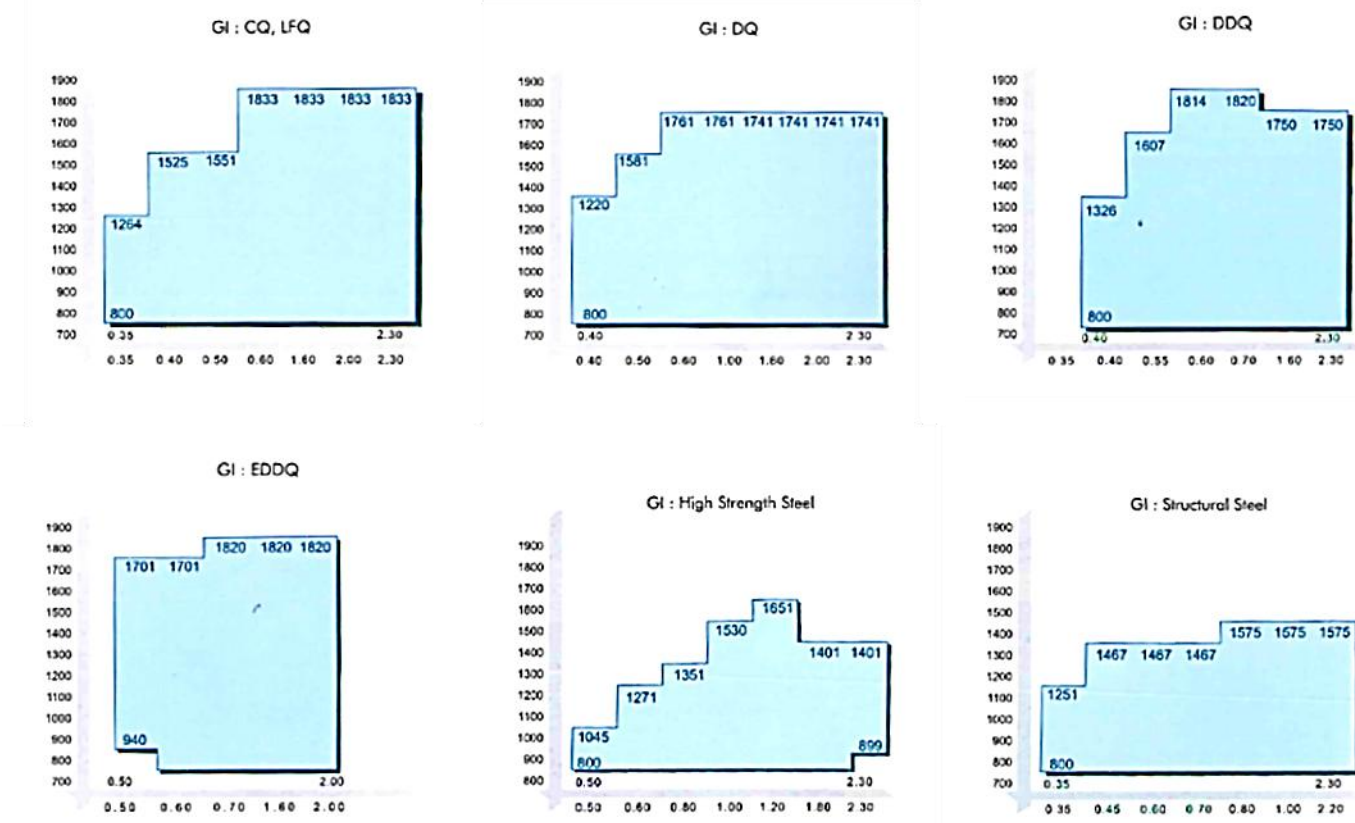
| Surface Finish | E7 |
|----------------|-----------|
| | 0.7 - 1.3 |

Production Range

| Oil Code | Oil Type |
|----------|-----------------------------|
| H | Buhmwoo BW-90EG |
| D | Buhmwoo BW-90BG |
| S | Fuchs RP 4107S Antirust Oil |
| R | Fuchs RP 4107A |
| P | Fuchs PL 3802-39S |

| Mode | Quantity (mg/m ²) |
|---------|-------------------------------|
| Thin | 200 – 800 |
| Light | 800 – 1800 |
| General | 1800 – 3000 |
| DOS-D | 50 – 100 |
| DOS-S | 20 – 50 |
| DOS-U | 10 -20 |

Galvanized Steel



Mechanical Property

| Grade | Class | Guaranteed value | 0.2%YS, MPa | TS, MPa | El% |
|--------------------|-------|------------------|-------------|---------|------|
| Mild steel | CQ | TS | 140-270 | 270 | 33 |
| | LQ | TS | 140-250 | 270 | 34 |
| | DQ | TS | 140-210 | 270 | 36 |
| | DDQ | TS | 140-180 | 270 | 38 |
| | EDDQ | TS | 130-180 | 270 | 44 |
| HSS Bake Hardening | 340BH | TS | 195-265 | 340 | 32 |
| | 180YB | YS | 180-240 | 270 | 40 |
| | 210YB | YS | 210-270 | 340 | 38 |
| | 240YB | YS | 240-300 | 340 | 36 |
| HSS Rephosphorized | 270YB | YS | 250-330 | 390 | 35 |
| | 340R | TS | 185 | 340 | 35 |
| | 390R | TS | 215 | 390 | 29 |
| AHSS Dual phase | 440R | TS | 245 | 440 | 26 |
| | 490DP | TS | 270-360 | 490 | 28 |
| | 590DP | TS | 450 | 590 | 24 |
| | 780DP | TS | 400-625 | 780 | 16 |
| | 980DP | TS | 580-850 | 980 | 8-15 |

Galvanealed Steel

