



## PT. Bumi Kaya Steel Industries

### Product Profile



[www.Bumikayasteel.com](http://www.Bumikayasteel.com)

#### **Office :**

Jalan Pangeran Jayakarta 141 Blok E No. 20-21,  
Jakarta Pusat 10730, DKI Jakarta, Indonesia.

Telp : 021- 6392408

Email : [Marketing@bumikayasteel.com](mailto:Marketing@bumikayasteel.com)

#### **Factory Bumi Kaya 1 :**

Kawasan Industri Pulo Gadung, Jl. Pulo Lentut No. 7  
Jakarta Timur. Indonesia.

#### **Factory Bumi Kaya 3 & 4 :**

Kawasan Industri Pulo Gadung,  
Jl. Pulo gadung 1 Kav 2, Jakarta Timur. Indonesia





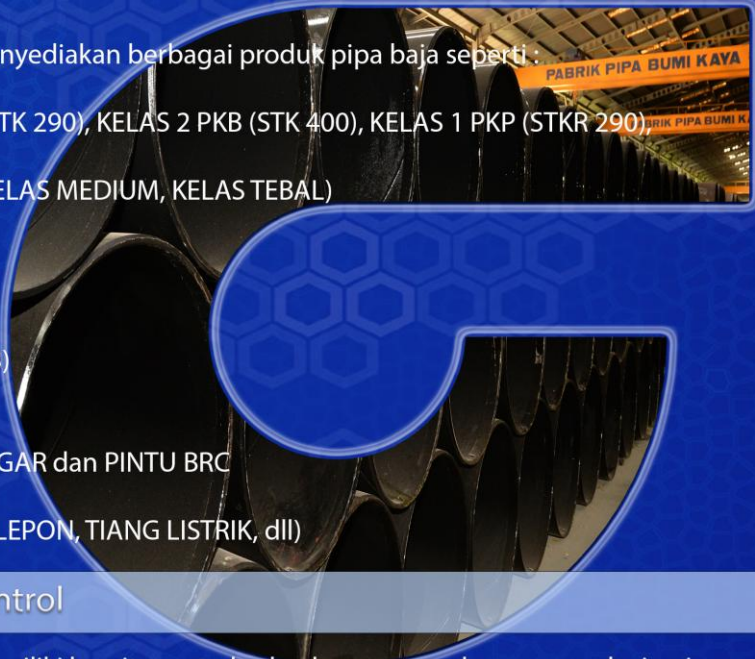
# BUMI KAYA STEEL INDUSTRIES

## About Us

PT. Bumi Kaya Steel Industries didirikan pada tahun 1969 di Jakarta dan mulai beroperasi pada tahun 1972 adalah salah satu pioner produsen pipa baja terbesar di Indonesia. Dengan pengalaman lebih dari 50 tahun, PT. Bumi Kaya Steel Industries telah banyak terlibat di dalam berbagai proyek pemerintah dan swasta pada sektor industri Oil & Gas, Water Supply dan berbagai proyek Konstruksi antara lain : Proyek Pipa PGN, Jembatan Suramadu, Telkom, Caltex, Total, Vico dan lain sebagainya.

PT. Bumi Kaya Steel Industries menyediakan berbagai produk pipa baja seperti :

- PIPA BULAT DAN PIPA KOTAK
  - SNI 0068:2013 (KELAS 1 PKB (STK 290), KELAS 2 PKB (STK 400), KELAS 1 PKP (STKR 290) KELAS 2 PKP (STKR 400)
  - SNI 0039: 2013 (KELAS TIPIS, KELAS MEDIUM, KELAS TEBAL)
  - ASTM A252 GRADE 1, 2, 3
  - ASTM A 53 GRADE A,B
  - JIS G 3444 (STK 290, 400)
  - JIS G 3466 (STKR 400)
  - JIS G 3445 (STKM 11A, 12A, 12B)
  - BSEN 10255
  - AWWA C-200
- WIREMESH, KOLOM PRAKTIS, PAGAR dan PINTU BRC
- SHEARING & SLITTING
- PABRIKASI PIPA BAJA ( TIANG TELEPON, TIANG LISTRIK, dll)



## Sertifikasi dan Quality Kontrol

PT. Bumi Kaya Steel Industries memiliki komitmen terhadap kepuasan pelanggan, maka jaminan mutu produk selalu dilakukan dengan penerapan Sistem Manajemen Mutu yaitu dengan diperolehnya sertifikat ISO 9001: 2015, sertifikasi produk SNI 0068:2013 dan sertifikasi produk SNI 0039:2013.

Setiap Produk yang diproduksi oleh PT. Bumi Kaya Steel Industries telah menjalani pengujian dan pengawasan yang ketat mulai dari pemesanan bahan baku, proses produksi serta pada saat pengiriman produk guna memenuhi kepuasan pelanggan.



## PRODUCT PROFILE

### BLACK AND HOT DIPPED GALVANIZED STEEL PIPE

| Nominal Size | Outside Diameter |        | Wall Thicknes |       | Sch No. | Weight |       |       | Test Presure |                    |         |                    |
|--------------|------------------|--------|---------------|-------|---------|--------|-------|-------|--------------|--------------------|---------|--------------------|
|              |                  |        |               |       |         |        |       |       | Grade A      |                    | Grade B |                    |
| In           | In               | mm     | in            | mm    |         | lbs/ft | kg/m  | kg/ft | psi          | kg/cm <sup>2</sup> | psi     | kg/cm <sup>2</sup> |
| 3            | 3.50             | 88.90  | 0.216         | 5.49  | 40/STD  | 7.56   | 11.26 | 3.43  | 2220         | 156                | 2500    | 176                |
| 4            | 4.50             | 114.30 | 0.237         | 6.02  | 40/STD  | 10.77  | 16.03 | 4.89  | 1900         | 134                | 2210    | 155                |
| 5            | 5.56             | 141.30 | 0.258         | 6.55  | 40/STD  | 14.60  | 21.72 | 6.62  | 1670         | 117                | 1950    | 137                |
| 6            | 6.63             | 168.28 | 0.280         | 7.11  | 40/STD  | 18.95  | 28.20 | 8.59  | 1520         | 107                | 1780    | 125                |
| 8            | 8.63             | 219.08 | 0.250         | 6.35  | 20      | 22.33  | 33.23 | 10.13 | 1040         | 73                 | 1220    | 68                 |
|              |                  |        | 0.277         | 7.04  | 30      | 24.66  | 36.70 | 11.19 | 1160         | 82                 | 1350    | 95                 |
|              |                  |        | 0.322         | 8.18  | 40/STD  | 28.51  | 42.43 | 12.93 | 1340         | 94                 | 1570    | 110                |
| 10           | 10.75            | 273.05 | 0.250         | 6.35  | 20      | 28.00  | 41.66 | 12.70 | 840          | 59                 | 980     | 69                 |
|              |                  |        | 0.279         | 7.09  | -       | 31.16  | 46.37 | 14.13 | 930          | 65                 | 1090    | 77                 |
|              |                  |        | 0.307         | 7.80  | 30      | 34.19  | 50.88 | 15.51 | 1030         | 72                 | 1200    | 84                 |
|              |                  |        | 0.365         | 9.27  | 40/STD  | 40.43  | 60.16 | 18.34 | 1220         | 86                 | 1430    | 101                |
| 12           | 12.75            | 323.85 | 0.250         | 6.35  | 20      | 33.33  | 49.60 | 15.12 | 710          | 50                 | 820     | 58                 |
|              |                  |        | 0.330         | 8.38  | 30      | 43.71  | 65.05 | 19.83 | 930          | 65                 | 1090    | 77                 |
|              |                  |        | 0.375         | 9.53  | STD     | 49.49  | 73.65 | 22.45 | 1000         | 75                 | 1240    | 87                 |
|              |                  |        | 0.406         | 10.31 | 40      | 53.45  | 79.54 | 24.24 | 1150         | 81                 | 1340    | 94                 |

### ELECTRIC RESISTANCE WELDED STEEL PIPE

| Nominal Size | Oustside Diameter |        | Wall Thicknes |      | Weight |       |       | Hydrostatic Test |
|--------------|-------------------|--------|---------------|------|--------|-------|-------|------------------|
|              |                   |        |               |      |        |       |       |                  |
| In           | In                | mm     | in            | mm   | lbs/ft | kg/m  | kg/ft | psi              |
| 3            | 3.50              | 88.90  | 0.216         | 5.49 | 7.56   | 11.26 | 3.43  | 2220             |
| 4            | 4.50              | 114.30 | 0.237         | 6.02 | 10.77  | 16.03 | 4.89  | 1900             |
| 6            | 6.63              | 168.28 | 0.280         | 7.11 | 18.95  | 28.20 | 8.59  | 1520             |

#### TOLERANSI :

Tebal : Plus (+) tak terbatas  
Minus (-) 12.5% max

#### Galvanized Pipe :

Minimum Zinc coating : 450 gr/m<sup>2</sup> (= 63 µm) - 550 gr/m<sup>2</sup> (= 77 µm)



## PRODUCT PROFILE

### WELDED STEEL PIPE PILES

| Nominal Size | Outside Diameter |        | Wall Thickness |      | Weight |       |
|--------------|------------------|--------|----------------|------|--------|-------|
|              | In               | mm     | in             | mm   | lbs/ft | kg/m  |
| 6            | 6.63             | 168.28 | 0.142          | 3.61 | 9.84   | 14.65 |
|              |                  |        | 0.165          | 4.19 | 11.40  | 16.96 |
|              |                  |        | 0.177          | 4.50 | 12.20  | 18.16 |
|              |                  |        | 0.219          | 5.56 | 15.00  | 22.32 |
|              |                  |        | 0.236          | 5.99 | 16.12  | 23.99 |
|              |                  |        | 0.250          | 6.35 | 17.04  | 25.36 |
| 8            | 8.63             | 219.08 | 0.280          | 7.11 | 18.99  | 28.27 |
|              |                  |        | 0.189          | 4.80 | 17.05  | 25.37 |
|              |                  |        | 0.236          | 5.99 | 21.17  | 31.50 |
|              |                  |        | 0.250          | 6.35 | 22.38  | 33.31 |
|              |                  |        | 0.280          | 7.11 | 24.98  | 37.17 |
|              |                  |        | 0.322          | 8.18 | 28.58  | 42.54 |
| 10           | 10.75            | 273.05 | 0.365          | 9.27 | 32.23  | 47.97 |
|              |                  |        | 0.236          | 5.99 | 26.53  | 39.48 |
|              |                  |        | 0.250          | 6.35 | 28.06  | 41.76 |
|              |                  |        | 0.280          | 7.11 | 31.34  | 46.64 |
|              |                  |        | 0.322          | 8.18 | 35.90  | 53.42 |
|              |                  |        | 0.365          | 9.27 | 40.52  | 60.31 |
| 12           | 12.75            | 323.85 | 0.236          | 5.99 | 31.57  | 46.99 |
|              |                  |        | 0.250          | 6.35 | 33.41  | 49.72 |
|              |                  |        | 0.280          | 7.11 | 37.33  | 55.55 |
|              |                  |        | 0.322          | 8.18 | 42.78  | 63.67 |
|              |                  |        | 0.365          | 9.27 | 48.33  | 71.92 |
|              |                  |        | 0.374          | 9.50 | 49.48  | 73.64 |

#### SIFAT MEKANIK :

| Description                        |     | Grade 1 | Grade 2 | Grade 3 |
|------------------------------------|-----|---------|---------|---------|
| Kuat Tarik (Tensile Strength), min | Psi | 50.000  | 60.000  | 66.000  |
|                                    | Mpa | 345     | 414     | 455     |
| Kuat Luluh (Yield Strength), min   | Psi | 30.000  | 35.000  | 45.000  |
|                                    | Mpa | 205     | 240     | 310     |

#### PANJANG PIPA :

6 Meter atau 12 Meter per Batang

#### TOLERANSI :

Tebal : Plus (+) tak terbatas / Minus (-) 12.5% max  
 Panjang : Plus / Minus 1 in  
 Diameter Luar : + 1%  
 Berat : + 15% / - 5%

#### Note :

Untuk ketebalan yang lain dapat diproduksi berdasarkan pesanan.



# PRODUCT PROFILE

## SPIRAL WELDED STEEL PIPE PILES

| Nominal Size | Outside Diameter |          | Wall Thicknes (mm) |        |        |        |        |        |        |        |        |        |        |        |        |
|--------------|------------------|----------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              | In               | mm       | 6.00               | 6.35   | 7.10   | 8.20   | 9.00   | 9.30   | 9.50   | 10.31  | 12.00  | 12.70  | 14.00  | 16.00  | 19.00  |
| 12           | 12.75            | 323.85   | 47.03              | 49.72  | 55.46  | 63.83  | 69.88  | 72.14  | 73.64  | 79.72  | 92.28  |        |        |        |        |
| 14           | 14.00            | 355.60   | 51.73              | 54.69  | 61.02  | 70.25  | 76.92  | 79.42  | 81.08  | 87.79  | 101.68 |        |        |        |        |
| 16           | 16.00            | 406.40   | 59.24              | 62.64  | 69.91  | 80.52  | 88.20  | 91.07  | 92.98  | 100.70 | 116.71 | 123.30 |        |        |        |
| 18           | 18.00            | 457.20   | 66.76              | 70.60  | 78.81  | 90.79  | 99.47  | 102.72 | 104.88 | 113.62 | 131.74 | 139.21 |        |        |        |
| 20           | 20.00            | 508.00   | 74.28              | 78.55  | 87.70  | 101.07 | 110.75 | 114.37 | 116.78 | 126.53 | 146.78 | 155.12 | 170.55 |        |        |
| 22           | 22.00            | 558.80   | 81.79              | 86.51  | 96.59  | 111.34 | 122.02 | 126.02 | 128.68 | 139.45 | 161.81 | 171.03 | 188.09 |        |        |
| 24           | 24.00            | 609.60   | 89.31              | 94.46  | 105.49 | 121.61 | 133.30 | 137.67 | 140.59 | 152.37 | 176.84 | 186.94 | 205.62 | 234.21 |        |
| 26           | 26.00            | 660.40   |                    | 102.42 | 114.38 | 131.88 | 144.57 | 149.32 | 152.49 | 165.28 | 191.87 | 202.85 | 223.16 | 254.25 |        |
| 28           | 28.00            | 711.20   |                    |        | 123.28 | 142.16 | 155.85 | 160.97 | 164.39 | 178.20 | 206.91 | 218.76 | 240.70 | 274.30 |        |
| 30           | 30.00            | 762.00   |                    |        |        | 152.43 | 167.12 | 172.62 | 176.29 | 191.11 | 221.94 | 234.67 | 258.24 | 294.34 |        |
| 32           | 32.00            | 812.80   |                    |        |        | 162.70 | 178.40 | 184.27 | 188.19 | 204.03 | 236.97 | 250.58 | 275.78 | 314.39 |        |
| 34           | 34.00            | 863.60   |                    |        |        |        | 189.67 | 195.92 | 200.09 | 216.94 | 252.01 | 266.49 | 293.32 | 334.43 |        |
| 36           | 36.00            | 914.40   |                    |        |        |        | 200.94 | 207.57 | 211.99 | 229.86 | 267.04 | 282.40 | 310.85 | 354.47 |        |
| 38           | 38.00            | 965.20   |                    |        |        |        |        | 219.22 | 223.89 | 242.78 | 282.07 | 298.31 | 328.39 | 374.52 |        |
| 40           | 40.00            | 1,016.00 |                    |        |        |        |        |        | 235.79 | 255.69 | 297.10 | 314.22 | 345.93 | 394.56 | 467.13 |
| 42           | 42.00            | 1,066.80 |                    |        |        |        |        |        |        | 268.61 | 312.14 | 330.13 | 363.47 | 414.60 | 490.94 |
| 44           | 44.00            | 1,117.60 |                    |        |        |        |        |        |        |        | 327.17 | 346.03 | 381.01 | 434.65 | 514.74 |
| 46           | 46.00            | 1,168.40 |                    |        |        |        |        |        |        |        | 342.20 | 361.94 | 398.55 | 454.69 | 538.54 |
| 48           | 48.00            | 1,219.20 |                    |        |        |        |        |        |        |        |        | 377.85 | 416.08 | 474.73 | 562.34 |
| 52           | 52.00            | 1,320.80 |                    |        |        |        |        |        |        |        |        | 409.67 | 451.16 | 514.82 | 609.95 |
| 56           | 56.00            | 1,422.40 |                    |        |        |        |        |        |        |        |        |        | 486.24 | 554.91 | 657.55 |
| 60           | 60.00            | 1,524.00 |                    |        |        |        |        |        |        |        |        |        | 521.31 | 595.00 | 705.15 |

### KOMPOSISI KIMIA :

Fosfor (P) 0.05 % max

### SIFAT MEKANIK :

| Description                        |                    | Grade 1 | Grade 2 | Grade 3 |
|------------------------------------|--------------------|---------|---------|---------|
| Kuat Tarik (Tensile Strength), min | Psi                | 50.000  | 60.000  | 66.000  |
|                                    | Mpa                | 345     | 414     | 455     |
|                                    | kg/mm <sup>2</sup> | 35.2    | 42.2    | 46.4    |
| Kuat Luluh (Yield Strength), min   | Psi                | 30.000  | 35.000  | 45.000  |
|                                    | Mpa                | 205     | 240     | 310     |
|                                    | kg/mm <sup>2</sup> | 21.1    | 24.6    | 31.6    |
| Regangan (Elongation), min         | %                  | 30      | 25      | 24      |
|                                    | Gauge Length       | in      | 2       | 2       |

### PANJANG PIPA :

6 Meter atau 12 Meter per Batang

### TOLERANSI :

Tebal : Plus (+) tak terbatas  
Minus (-) 12.5% max  
Panjang : Plus / Minus 2 %  
Diameter Luar : + 1%  
Berat : + 15% / - 5%

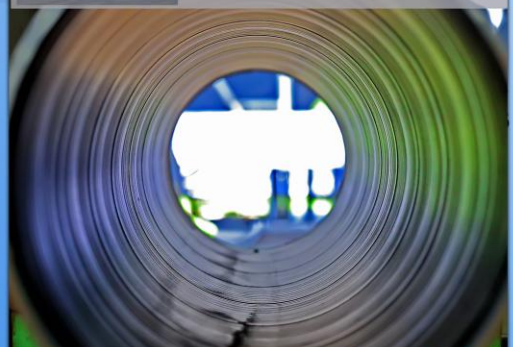
### Note :

Untuk ketebalan yang lain dapat diproduksi berdasarkan pesanan.



### Visi

Menjadi produsen berbagai produk baja terbesar dan terbaik di Indonesia.



### Misi

Memberikan kontribusi langsung bagi Industri Produk Baja di tanah air, khususnya sektor infrastruktur pertambangan dan energi serta mengembangkan pasar ekspor.





## PRODUCT PROFILE

### SQUARE PIPE



| No. | Dimensi   | Thickness | Kg/m  |
|-----|-----------|-----------|-------|
| 1   | 20 X 20   | 1,6       | 0,95  |
|     |           | 1,8       | 1,07  |
|     |           | 2,0       | 1,18  |
| 2   | 25 X 25   | 1,6       | 1,22  |
|     |           | 1,8       | 1,37  |
|     |           | 2,0       | 1,52  |
| 3   | 30 X 30   | 1,8       | 1,65  |
|     |           | 2,0       | 1,84  |
|     |           | 2,3       | 2,11  |
| 4   | 40 X 40   | 1,8       | 2,23  |
|     |           | 2,0       | 2,48  |
|     |           | 3,0       | 3,67  |
| 5   | 50 X 50   | 1,8       | 2,78  |
|     |           | 2,5       | 3,87  |
|     |           | 3,0       | 4,62  |
| 6   | 60 X 60   | 2,0       | 3,71  |
|     |           | 3,0       | 5,42  |
|     |           | 3,2       | 5,78  |
| 7   | 75 X 75   | 2,0       | 4,66  |
|     |           | 3,0       | 6,85  |
|     |           | 3,2       | 7,28  |
| 8   | 100 X 100 | 3,0       | 9,18  |
|     |           | 3,2       | 9,80  |
|     |           | 4,5       | 13,42 |
| 9   | 125 X 125 | 4,0       | 13,78 |
|     |           | 4,5       | 15,47 |
|     |           | 4,0       | 18,49 |
| 10  | 150 X 150 | 4,5       | 20,77 |
|     |           | 6,0       | 36,97 |
| 11  | 200 X 200 | 6,0       | 46,49 |
| 12  | 250 X 250 | 6,0       | 46,49 |

### RECTANGLE PIPE



| No. | Dimensi   | Thickness | Kg/m  |
|-----|-----------|-----------|-------|
| 1   | 40 X 20   | 1,8       | 1,65  |
|     |           | 2,0       | 1,84  |
|     |           | 2,3       | 2,11  |
| 2   | 50 X 25   | 1,8       | 2,08  |
|     |           | 2,0       | 2,31  |
|     |           | 1,8       | 2,53  |
| 3   | 60 X 30   | 2,0       | 2,81  |
|     |           | 3,0       | 4,14  |
|     |           | 1,8       | 2,78  |
| 4   | 60 X 40   | 2,5       | 3,87  |
|     |           | 3,0       | 4,62  |
|     |           | 2,0       | 3,71  |
| 5   | 75 X 45   | 3,0       | 5,42  |
|     |           | 3,2       | 5,78  |
|     |           | 2,0       | 3,71  |
| 6   | 80 X 40   | 3,0       | 5,42  |
|     |           | 3,2       | 5,78  |
|     |           | 1,8       | 4,20  |
| 7   | 100 X 50  | 2,5       | 5,73  |
|     |           | 3,0       | 6,85  |
|     |           | 3,0       | 9,18  |
| 8   | 125 X 75  | 3,2       | 9,80  |
|     |           | 4,5       | 13,42 |
|     |           | 4,0       | 13,78 |
| 9   | 150 X 75  | 4,5       | 15,47 |
|     |           | 4,0       | 15,35 |
| 10  | 150 X 100 | 4,5       | 17,24 |
|     |           | 4,0       | 18,49 |
| 11  | 200 X 100 | 4,5       | 20,77 |
|     |           | 6,0       | 32,26 |
| 12  | 200 X 150 | 6,0       | 36,97 |
| 13  | 250 X 150 | 6,0       | 46,49 |
| 14  | 300 X 200 | 6,0       | 46,49 |

#### Office :

Jalan P. Jayakarta 141, Blok III / E 20-21.

Jakarta 10730, Indonesia.

Ph. +62 21 639 2408, 601 2608

Fax. +62 21 629 2973, 600 8051

E-mail : sales@bumikayasteel.com

