KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

SIARAN KHAS 1
SPECIAL RELEASE

SEMENANJUNG MALAYSIA
PENINSULAR MALAYSIA

UNTUK KERJA-KERJA KEJURUTERAAN AWAM
FOR CIVIL ENGINEERING WORK

2026

SEPTEMBER
SEPTEMBER

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang melaksanakan **Banci Ekonomi 2026 (BE2026)**, bertemakan **"Data Nadi Ekonomi Rakyat"**. Pelaksanaan Banci Ekonomi kali keenam ini berlangsung dari **5 Januari hingga 31 Oktober 2026**. BE2026 bertujuan untuk mengumpul data yang menyeluruh dan berstruktur daripada semua pertubuhan perniagaan berdaftar dan tidak berdaftar di Malaysia, bagi menilai prestasi, struktur serta ciri-ciri ekonomi negara secara komprehensif dan berasaskan bukti.

OpenDOSM NextGen adalah medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal https://open.dosm.gov.my.

Announcement

*The Department of Statistics Malaysia (DOSM) is conducting the **Economic Census 2026 (BE2026)**, themed **"Data Nadi Ekonomi Rakyat"**. The sixth Economic Census, running from **5th January to 31st October 2026**. BE2026 aims to collect comprehensive, structured data from all registered and unregistered business establishments in Malaysia to assess the nation's economic performance, structure and characteristics in an evidence-based manner.*

***OpenDOSM NextGen** is a medium that provides data catalogue and visualisations to facilitate users' analysis and can be accessed through https://open.dosm.gov.my.*

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

"Sumber: Jabatan Perangkaan Malaysia".

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RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

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PURATA HARGA BAHAN BINAAN TERPILIH, MALAYSIA

SEPTEMBER 2026

PURATA HARGA DI MALAYSIA

BESI
PURATA
RM 3,431.90
RM Per Meter
-1.5%
-2.4%

MYCON 60 HIGH TENSILE DEFORMED BARS
PURATA
RM 3,194.85
RM Per Tan Metrik
-1.1%
-2.8%

BAR BULAT KELULI LEMBUT
PURATA
RM 3,668.97
RM Per Tan Metrik
1.8%
-2.0%

SIMEN *(ORDINARY PORTLAND)*
PURATA
RM 25.80
RM Sekarung 50 Kg
0.0%
7.9%

BATU BAUR
PURATA
RM 60.20
RM Per Tan Metrik
0.0%
29.1%

PASIR
PURATA
RM 64.51
RM Per Tan Metrik
3.0%
25.6%

PURATA HARGA MENGIKUT KAWASAN, MALAYSIA

	BAR BULAT KELULI LEMBUT	*MYCON 60 HIGH TENSILE DEFORMED BARS*	SIMEN *(ORDINARY PORTLAND)*	PASIR	BATU BAUR
SEMENANJUNG MALAYSIA	RM 3,068.58 -2.7% -3.7%	RM 2,918.76 -1.5% -2.8%	RM 25.24 -0.2% 7.2%	RM 69.57 -4.5% 13.9%	RM 50.67 0.0% 47.6%
SABAH	RM 4,053.05 -1.3% 2.3%	RM 3,499.23 -1.1% 0.1%	RM 25.35 0.3% 1.3%	RM 101.56 9.1% 35.9%	RM 65.53 0.0% 9.3%
SARAWAK	RM 3,971.11 -1.4% -4.4%	RM 3,192.88 -0.8% -5.6%	RM 26.83 0.0% 15.8%	RM 39.54 3.9% 28.8%	RM 65.71 0.0% 33.4%

Nota: **MoM** : Perubahan peratus bulan ke bulan | **YoY** : Perubahan peratus tahun ke tahun | Purata

AVERAGE PRICE OF SELECTED BUILDING MATERIALS, MALAYSIA

SEPTEMBER 2026

AVERAGE PRICES IN MALAYSIA

STEEL
AVERAGE
RM 3,431.90
RM Per Metre
-1.5%
-2.4%

MYCON 60 HIGH TENSILE DEFORMED BARS
AVERAGE
RM 3,194.85
RM Per Metric Ton
-1.1%
-2.8%

MILD STEEL ROUND BARS
AVERAGE
RM 3,668.97
RM Per Metric Ton
-1.8%
-2.0%

ORDINARY PORTLAND CEMENT
AVERAGE
RM 25.80
RM Per 50 Kg Bag
0.0%
7.9%

AGGREGATES
AVERAGE
RM 60.20
RM Per Metric Ton
0.0%
29.1%

SAND
AVERAGE
RM 64.51
RM Per Metric Ton
3.0%
25.6%

AVERAGE PRICES BY REGION, MALAYSIA

	MILD STEEL ROUND BARS	MYCON 60 HIGH TENSILE DEFORMED BARS	ORDINARY PORTLAND CEMENT	SAND	AGGREGATES
PENINSULAR MALAYSIA	RM 3,068.58	RM 2,918.76	RM 25.24	RM 69.57	RM 50.67
	-2.7% / -3.7%	-1.5% / -2.8%	-0.2% / 7.2%	-4.5% / 13.9%	0.0% / 48.3%
SABAH	RM 4,053.05	RM 3,499.23	RM 25.35	RM 101.56	RM 65.53
	-1.3% / 2.3%	-1.1% / 0.1%	0.3% / 1.3%	9.1% / 35.9%	0.0% / 9.8%
SARAWAK	RM 3,971.11	RM 3,192.88	RM 26.83	RM 39.54	RM 65.71
	-1.4% / -4.4%	-0.8% / -5.6%	0.0% / 15.8%	3.9% / 28.8%	0.0% / 33.6%

Notes: **MoM :** Percentages change of month on month **YoY :** Percentages change of year on year Average

JADUAL

TABLE

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Jadual 1: Harga unit purata bagi bar keluli dan simen

Table 1: Average unit prices for steel bars and cement

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
1.1 Bar Bulat Keluli Lembut BS-4449 *Mild Steel Round Bars BS-4449*				**RM Per Tan Metrik** *RM Per Metric Ton*	
1.1.1 10mm (3/8")	**2025**	**Sep**	2,938.24	3,264.69	3,127.05
		Okt	2,966.50	3,303.87	3,142.68
		Nov	2,963.00	3,300.57	3,142.68
		Dis	2,967.85	3,300.57	3,142.68
	2026	**Jan**	2,923.80	3,280.76	3,048.45
		Feb	2,880.90	3,307.01	3,036.80
		Mac	2,913.55	3,406.22	3,036.80
		Apr	2,970.00	3,406.22	3,067.70
		Mei	2,978.30	3,406.22	3,070.60
		Jun	2,978.30	3,406.22	3,063.90
		Jul	2,959.40	3,406.22	3,063.90
		Ogos	2,926.20	3,133.72	3,063.90
		Sep	2,891.30	2,930.03	3,054.71
1.1.2 12mm (1/2")	**2025**	**Sep**	2,945.56	3,172.74	3,102.81
		Okt	2,972.10	3,217.16	3,118.32
		Nov	2,968.55	3,213.94	3,118.32
		Dis	2,967.60	3,220.37	3,124.56
	2026	**Jan**	2,926.70	3,165.63	3,112.06
		Feb	2,883.80	3,190.95	3,037.20
		Mac	2,896.20	3,254.77	3,055.42
		Apr	2,970.00	3,313.36	3,037.80
		Mei	2,978.30	3,313.36	3,049.95
		Jun	2,975.85	3,313.36	3,063.90
		Jul	2,936.60	3,150.40	3,063.90
		Ogos	2,904.20	2,898.37	3,063.90
		Sep	2,864.50	2,823.90	3,054.70
1.1.3 16mm (5/8")	**2025**	**Sep**	2,966.43	3,151.04	3,059.50
		Okt	3,013.89	3,195.16	3,066.11
		Nov	3,010.87	3,188.77	3,066.11
		Dis	3,016.90	3,195.14	3,072.24
	2026	**Jan**	2,925.80	3,163.19	3,035.55
		Feb	2,895.90	3,163.19	3,035.55
		Mac	2,895.90	3,163.19	3,035.55
		Apr	2,968.30	3,289.72	3,035.55
		Mei	2,989.08	3,289.72	3,050.73
		Jun	2,924.10	3,289.72	3,065.98
		Jul	2,911.90	3,289.72	3,065.98
		Ogos	2,892.00	3,223.93	3,065.98
		Sep	2,892.00	2,894.30	2,952.30

Jadual 1: Harga unit purata bagi bar keluli dan simen (samb.)
Table 1: Average unit prices for steel bars and cement (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
1.1 Bar Bulat Keluli Lembut BS-4449 (samb.) *Mild Steel Round Bars BS-4449 (cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
1.1.4 20mm−25mm (3/4"−1")	**2025**	**Sep**	4,105.09	3,547.31	3,198.15
		Okt	4,105.09	3,547.31	3,198.15
		Nov	4,100.99	3,543.76	3,198.15
		Dis	4,183.01	3,543.76	3,198.15
	2026	**Jan**	4,128.63	3,497.69	3,198.15
		Feb	4,074.96	3,452.22	3,198.15
		Mac	4,144.23	3,452.22	3,198.15
		Apr	4,144.23	3,452.22	3,198.15
		Mei	4,144.23	3,483.29	3,214.14
		Jun	4,144.23	3,514.64	3,021.29
		Jul	4,144.23	3,514.64	3,021.29
		Ogos	3,937.02	3,514.64	3,021.29
		Sep	3,740.17	3,240.30	2,943.00
1.1.5 32mm (1 1/4")	**2025**	**Sep**	3,209.97	3,056.20	3,103.98
		Okt	3,219.60	3,108.16	3,181.58
		Nov	3,219.60	3,101.94	3,181.58
		Dis	3,219.60	3,101.94	3,181.58
	2026	**Jan**	3,203.30	3,058.20	3,275.00
		Feb	3,203.30	3,058.20	3,275.00
		Mac	3,203.30	3,058.20	3,275.00
		Apr	3,278.30	3,137.10	3,275.00
		Mei	3,278.30	3,189.20	3,325.00
		Jun	3,278.30	3,189.20	3,325.00
		Jul	3,278.30	3,189.20	3,325.00
		Ogos	3,278.30	3,236.60	3,325.00
		Sep	3,278.30	3,278.30	3,325.00
1.2 Mycon 60 *High Tensile Deformed Bars*					
1.2.1 10mm (3/8")	**2025**	**Sep**	3,063.51	3,087.53	3,104.10
		Okt	3,115.59	3,124.59	3,153.77
		Nov	3,115.59	3,108.96	3,128.54
		Dis	3,115.59	3,108.96	3,128.54
	2026	**Jan**	3,037.70	3,064.20	3,081.61
		Feb	2,904.20	3,088.50	2,989.70
		Mac	2,925.90	3,088.50	2,992.90
		Apr	3,028.80	3,110.80	3,022.80
		Mei	3,028.80	3,110.80	3,325.00
		Jun	3,013.65	3,108.80	3,039.63
		Jul	3,013.65	3,108.80	3,039.63
		Ogos	2,981.00	3,093.26	2,977.20
		Sep	2,981.00	2,929.90	2,957.00

Jadual 1: Harga unit purata bagi bar keluli dan simen (samb.)
Table 1: Average unit prices for steel bars and cement (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
1.2 Mycon 60 (Samb.) *High Tensile Deformed Bars (Cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
1.2.2 12mm (1/2")	**2025**	**Sep**	2,859.20	3,059.25	3,100.20
		Okt	2,950.65	3,103.30	3,134.30
		Nov	2,918.19	3,100.30	3,016.60
		Dis	2,918.19	3,100.30	3,016.60
	2026	**Jan**	2,929.90	3,034.20	2,968.33
		Feb	2,911.90	3,058.60	2,971.30
		Mac	2,911.90	3,058.60	2,980.70
		Apr	2,986.30	3,086.40	3,010.51
		Mei	2,986.30	3,086.40	3,037.60
		Jun	2,984.10	3,086.40	2,993.20
		Jul	2,983.90	3,086.40	2,983.85
		Ogos	2,964.20	2,978.38	2,937.30
		Sep	2,964.20	2,871.50	2,937.30
1.2.3 16mm−25mm (5/8"−1")	**2025**	**Sep**	2,838.21	3,137.43	3,014.36
		Okt	2,878.90	3,190.77	3,038.48
		Nov	2,852.40	3,104.10	3,029.36
		Dis	2,852.40	3,104.10	3,029.36
	2026	**Jan**	2,852.53	3,039.30	2,915.50
		Feb	2,814.70	3,070.90	2,870.50
		Mac	2,814.70	3,070.90	2,879.11
		Apr	2,947.40	3,131.00	2,903.20
		Mei	2,959.19	3,131.00	2,903.20
		Jun	2,949.50	3,085.50	2,902.90
		Jul	2,952.50	3,085.50	2,902.90
		Ogos	2,932.80	2,900.37	2,886.70
		Sep	2,932.80	2,702.40	2,886.70
1.2.4 32mm (1 1/4")	**2025**	**Sep**	2,718.39	3,097.68	2,981.92
		Okt	2,749.60	3,101.05	3,005.77
		Nov	2,737.10	3,101.05	3,005.77
		Dis	2,742.57	3,101.05	3,005.77
	2026	**Jan**	2,729.30	3,086.70	3,009.60
		Feb	2,721.90	3,121.40	3,009.60
		Mac	2,721.90	3,121.40	3,009.60
		Apr	2,844.20	3,149.80	3,025.10
		Mei	2,844.20	3,149.80	3,038.10
		Jun	2,811.50	3,149.80	3,022.50
		Jul	2,836.75	3,149.80	3,022.50
		Ogos	2,836.75	3,085.50	3,004.37
		Sep	2,836.75	3,054.65	2,986.34

Jadual 1: Harga unit purata bagi bar keluli dan simen (samb.)
Table 1: Average unit prices for steel bars and cement (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
1.3 Simen *Cement*				**RM Sekarung 50 Kg** *RM Per 50 Kg Bag*	
1.3.1 Portland Biasa *Ordinary Portland*	**2025**	**Sep**	23.50	23.65	23.50
		Okt	23.50	23.70	23.50
		Nov	23.60	23.70	23.80
		Dis	24.20	24.00	24.40
	2026	**Jan**	24.60	24.00	24.45
		Feb	24.70	24.05	24.50
		Mac	24.70	24.10	24.50
		Apr	24.95	24.90	25.90
		Mei	25.00	25.10	25.90
		Jun	24.85	25.10	25.82
		Jul	24.90	25.17	25.74
		Ogos	24.90	25.20	25.80
		Sep	24.87	25.15	25.70

Jadual 2: Harga unit purata bagi minyak bahan api, bitumen dan diesel
Table 2: Average unit prices for fuel oil, bitumen and diesel

Item	Tempoh *Period*	Semenanjung Malaysia *Peninsular Malaysia*
2.1 Bitumen Penembusan 60/70 *Bitumen 60/70 Penetration*		**RM Per Tan Metrik** *RM Per Metric Ton*
	2025 Sep	2,340.00
	Okt	2,350.00
	Nov	2,350.00
	Dis	2,320.00
	2026 Jan	2,200.00
	Feb	2,125.00
	Mac	2,820.00
	Apr	3,150.00
	Mei	2,900.00
	Jun	2,920.00
	Jul	3,025.00
	Ogos	3,310.00
	Sep	3,525.00

Sumber: Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB)
Sources: Construction Industry Development Board (CIDB)
Nota: Bermula Januari 2025, harga bitumen penembusan 60/70 adalah berdasarkan harga purata Selangor
Notes: Starting January 2025, the price for bitumen 60/70 penetration is based on average Selangor.

Item	Tempoh *Period*	Semenanjung Malaysia *Peninsular Malaysia*
2.2 Minyak Gas Automotif *Automotive Gas Oil*		**RM Seliter** *RM Per Litre* **Runcit** *Retail*
Diesel *Diesel*	**2025 Sep**	2.91
	Okt	2.92
	Nov	3.05
	Dis	3.03
	2026 Jan	2.89
	Feb	2.98
	Mac	4.01
	Apr	5.89
	Mei	5.01
	Jun	4.49
	Jul	4.13
	Ogos	4.60
	Sep	5.04

Sumber: Kementerian Kewangan Malaysia dan Kementerian Perdagangan Dalam Negeri dan Kos Sara Hidup
Sources: Ministry of Finance and Ministry of Domestic Trade and Cost of Living

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.1 Pasir *Sand*				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.1.1 Pasir Sungai *River Sand*	**2025**	**Sep**	64.38	74.47	50.05
		Okt	64.44	74.47	50.09
		Nov	66.37	74.54	50.09
		Dis	67.29	74.47	52.04
	2026	**Jan**	67.86	77.97	46.56
		Feb	68.15	77.27	44.69
		Mac	68.35	77.27	46.98[r]
		Apr	81.84[r]	80.47	51.60
		Mei	82.18	82.00	51.60
		Jun	82.92	84.00	51.60
		Jul	82.84	83.67	54.73
		Ogos	82.93	83.67	54.73
		Sep	82.60	82.53	54.73
3.1.2 Pasir Lombong *Mining Sand*	**2025**	**Sep**	51.50	68.88	n.a.
		Okt	51.50	68.88	n.a.
		Nov	51.50	67.78	n.a.
		Dis	52.50	68.75	n.a.
	2026	**Jan**	46.50	69.40	n.a.
		Feb	46.83	69.40	n.a.
		Mac	46.50	69.31	n.a.
		Apr	48.50	73.66	n.a.
		Mei	49.16	74.21	n.a.
		Jun	55.55	76.78	n.a.
		Jul	57.22	76.65	n.a.
		Ogos	70.67	76.34	n.a.
		Sep	58.22	75.06	n.a.
3.2 Batu Baur *Aggregates*					
3.2.1 Granite 10mm (3/8")	**2025**	**Sep**	34.13	33.81	35.83
		Okt	34.13	33.76	36.17
		Nov	34.13	34.19	38.00
		Dis	34.81	33.87	38.00
	2026	**Jan**	34.81	33.87	38.97
		Feb	35.56	33.87	39.62
		Mac	35.19	33.86	40.61
		Apr	36.88	36.42	46.44
		Mei	37.13	39.66	46.67
		Jun	38.88	38.35	47.67
		Jul	39.75	38.35	46.41
		Ogos	41.83	41.39	46.41
		Sep	42.88	40.46	46.41

Nota: Harga bagi pasir, batu baur dan premix adalah termasuk kos pengangkutan bagi jarak 30km dari outlet.
Notes: The prices for sand, aggregates and premix are inclusive of transportation charge for 30km from the outlets.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.2 Batu Baur (Samb.) *Aggregates (Cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.2.2 Granite 20mm (3/4")	**2025**	**Sep**	61.01	40.17	35.47
		Okt	61.14	40.17	35.56
		Nov	61.20	41.86	35.65
		Dis	61.33	40.28	35.65
	2026	**Jan**	61.45	40.92	35.65
		Feb	71.00	46.00	47.00
		Mac	72.00	50.00	55.00
		Apr	72.00	55.00	60.00
		Mei	72.00	55.00	60.00
		Jun	72.00	55.00	60.00
		Jul	81.00	55.00	60.00
		Ogos	81.00	55.00	60.00
		Sep	81.00	55.00	60.00
3.2.3 Granite 40mm (1 1/2")	**2025**	**Sep**	26.66	33.93	34.75
		Okt	26.66	33.93	34.75
		Nov	26.66	34.39	34.75
		Dis	26.66	34.39	34.75
	2026	**Jan**	26.66	34.39	34.75
		Feb	26.66	34.39	34.75
		Mac	26.66	34.39	34.75
		Apr	26.66	38.30	39.00
		Mei	26.66	41.82	39.50
		Jun	26.66	42.00	41.50
		Jul	26.66	42.45	39.00
		Ogos	28.38	42.73	39.00
		Sep	28.38	42.45	39.00
3.2.4 Crushed Aggregate (Crusher Run)	**2025**	**Sep**	28.55	28.75	28.85
		Okt	28.55	28.75	28.85
		Nov	35.00	35.00	35.00
		Dis	35.00	35.00	35.00
	2026	**Jan**	35.00	35.00	35.00
		Feb	40.00	42.00	45.00
		Mac	45.00	48.00	50.00
		Apr	55.00	60.00	65.00
		Mei	55.00	60.00	65.00
		Jun	55.00	60.00	65.00
		Jul	65.00	65.00	67.00
		Ogos	65.00	65.00	67.00
		Sep	65.00	65.00	67.00

Nota: Bermula Januari 2026, harga batu baur Granite 20mm (3/4") dirujuk daripada data CIDB.

Note: Starting from January 2026, the price of aggregates Granite 20mm (3/4") is referenced from CIDB data.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.3.a Premix Asphaltic Concrete				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.3.a.1 AC 10 (Wearing Course)	**2025**	**Sep**	224.00	216.62	273.75
		Okt	224.60	216.62	273.75
		Nov	228.50	216.62	276.25
		Dis	222.50	216.62	276.25
	2026	**Jan**	224.50	216.62	276.25
		Feb	228.50	212.62	276.25
		Mac	226.90	212.62	276.25
		Apr	255.80	243.60	287.30
		Mei	260.92	248.47	293.05
		Jun	260.92[r]	248.47[r]	326.25
		Jul	265.00	258.80	326.25
		Ogos	265.00	258.80	326.25
		Sep	265.00	260.00	326.25
3.3.a.2 AC 14 (Wearing Course)	**2025**	**Sep**	217.86	220.98	244.17
		Okt	218.29	220.98	241.83
		Nov	221.07	220.98	242.08
		Dis	216.79	220.98	241.25
	2026	**Jan**	218.21	220.98	239.58
		Feb	222.50	218.48	240.33
		Mac	221.36	218.48	234.50
		Apr	258.00	251.00	297.33
		Mei	263.20	256.00	300.30
		Jun	263.20[r]	256.00[r]	289.83
		Jul	265.00	258.60	298.75
		Ogos	265.00	258.60	296.00
		Sep	265.00	260.00	297.00
3.3.a.3 AC 28 (Binder Course)	**2025**	**Sep**	214.00	209.56	240.83
		Okt	214.71	209.56	238.50
		Nov	217.50	209.56	238.75
		Dis	213.21	209.56	237.92
	2026	**Jan**	214.64	209.56	236.25
		Feb	217.93	205.81	232.00
		Mac	216.79	205.81	231.17
		Apr	247.30	257.30	287.00
		Mei	252.25	262.45	292.74
		Jun	252.25[r]	262.45[r]	285.17
		Jul	260.00	270.60	294.25
		Ogos	260.00	270.60	291.83
		Sep	260.00	270.60	292.67

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.3.a Premix Asphaltic Concrete (samb.) *(cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.3.a.4 ACW 20 (Wearing Course)	**2025**	**Sep**	222.60	218.25	251.50
		Okt	223.60	218.25	251.50
		Nov	227.50	218.25	251.50
		Dis	221.50	218.25	250.25
	2026	**Jan**	222.50	218.25	245.25
		Feb	226.50	216.43	240.25
		Mac	224.90	216.43	239.00
		Apr	264.80	248.30	311.00
		Mei	270.10	253.30	317.20
		Jun	270.10[r]	253.30[r]	312.25
		Jul	275.00	258.40	311.67
		Ogos	275.00	258.40	316.00
		Sep	275.00	258.40	316.00

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.3.b Premix Bituminous Macadam				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.3.b.1 BMR40 (Bound Roadbase)	**2025**	**Sep**	216.67	197.20	n.a.
		Okt	216.67	197.20	n.a.
		Nov	216.67	197.20	n.a.
		Dis	213.33	197.20	n.a.
	2026	**Jan**	215.00	197.20	n.a.
		Feb	210.00	197.20	n.a.
		Mac	210.00	197.20	n.a.
		Apr	231.00	216.92	n.a.
		Mei	235.60	221.30	n.a.
		Jun	235.60[r]	221.30[r]	n.a.
		Jul	242.90	228.20	n.a.
		Ogos	242.90	228.20	n.a.
		Sep	260.00	255.00	n.a.
3.3.b.2 BMR28 (Bound Roadbase)	**2025**	**Sep**	226.67	203.13	n.a.
		Okt	226.67	203.13	n.a.
		Nov	226.67	203.13	n.a.
		Dis	216.67	203.13	n.a.
	2026	**Jan**	218.33	203.13	n.a.
		Feb	213.33	209.29	n.a.
		Mac	213.33	209.29	n.a.
		Apr	234.67	230.21	n.a.
		Mei	239.40	234.80	n.a.
		Jun	239.40[r]	234.80[r]	n.a.
		Jul	246.82	242.00	n.a.
		Ogos	246.82	242.00	n.a.
		Sep	246.82	242.00	n.a.
3.3.b.3 BML10 (Levelling Course)	**2025**	**Sep**	223.33	227.86	223.50
		Okt	223.33	227.86	223.50
		Nov	223.33	227.86	221.00
		Dis	213.33	227.86	218.50
	2026	**Jan**	213.33	227.86	216.00
		Feb	208.33	236.67	218.50
		Mac	208.33	236.67	216.00
		Apr	239.58	260.33	241.92
		Mei	244.40	265.40	246.80
		Jun	244.40[r]	265.40[r]	275.00
		Jul	252.00	276.00	243.00
		Ogos	252.00	276.00	280.00
		Sep	252.00	279.00	280.00

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.3.b Premix Bituminous Macadam (samb.) *(cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.3.b.4 BMB28 (Binder Course)	**2025**	**Sep**	220.00	213.75	220.50
		Okt	220.00	213.75	220.50
		Nov	220.00	213.75	218.00
		Dis	212.50	213.75	215.50
	2026	**Jan**	213.75	213.75	212.00
		Feb	210.00	220.71	218.00
		Mac	210.00	220.71	215.50
		Apr	231.00	242.79	237.05
		Mei	235.60	247.60	241.80
		Jun	235.60[r]	247.60[r]	274.50
		Jul	242.90	255.30	242.00
		Ogos	242.90	255.30	279.50
		Sep	260.00	255.30	279.50
3.3.b.5 BMB20 (Binder Course)	**2025**	**Sep**	228.33	217.86	252.00
		Okt	228.33	217.86	252.00
		Nov	228.33	217.86	252.00
		Dis	218.33	217.86	250.33
	2026	**Jan**	220.00	217.86	248.00
		Feb	215.00	226.67	249.67
		Mac	215.00	226.67	247.33
		Apr	236.50	249.33	259.70
		Mei	241.20	254.20	264.90
		Jun	241.20[r]	254.20[r]	320.67
		Jul	248.70	262.00	327.50
		Ogos	248.70	262.00	327.50[r]
		Sep	248.70	262.00	327.50
3.3.b.6 BMW14 (Wearing Course)	**2025**	**Sep**	226.25	220.00	253.00
		Okt	226.25	220.00	253.00
		Nov	226.25	220.00	253.00
		Dis	218.75	220.00	251.33
	2026	**Jan**	220.00	220.00	249.67
		Feb	216.25	225.63	251.33
		Mac	216.25	225.63	249.67
		Apr	237.88	248.19	262.15
		Mei	242.60	253.20	267.40
		Jun	242.60[r]	253.20[r]	322.33
		Jul	247.00	266.50	330.00
		Ogos	247.00	266.50	325.67
		Sep	247.00	266.50	325.67

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.3.b Premix Bituminous Macadam (samb.) *(cont'd)*				**RM Per Tan Metrik** *RM Per Metric Ton*	
3.3.b.7 BMW20 (Wearing Course)	**2025**	**Sep**	227.50	217.89	282.00
		Okt	227.50	217.89	282.00
		Nov	227.50	217.89	284.50
		Dis	212.50	217.89	284.50
	2026	**Jan**	212.50	217.89	284.50
		Feb	205.00	222.63	284.50
		Mac	205.00	222.63	284.50
		Apr	235.75	244.89	298.73
		Mei	240.50	249.80	304.70
		Jun	240.50[r]	249.80[r]	363.50
		Jul	244.80	254.80	420.00
		Ogos	244.80	254.80	363.50
		Sep	244.80	254.80	363.50

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region*		
			Utara *North*	**Tengah** *Central*	**Timur** *East*
3.4 Fabric Reinforcement				**RM Per Kg** *RM Per Kg*	
3.4.1 A4, MS145	**2025**	**Sep**	3.64	4.29	4.02[r]
		Okt	3.64	4.29	4.03[r]
		Nov	3.64	4.29	4.08[r]
		Dis	3.64	4.29	4.08[r]
	2026	**Jan**	3.64	4.29	4.08[r]
		Feb	3.64	4.29	4.08
		Mac	3.64	4.29	4.07
		Apr	3.64	5.76	4.07
		Mei	3.64	5.76	4.07
		Jun	3.64	5.76	4.07
		Jul	3.64	5.76	4.07
		Ogos	3.64	5.76	4.03
		Sep	3.64	5.76	3.84
3.4.2 A5, MS145	**2025**	**Sep**	3.27	3.85	3.99[r]
		Okt	3.27	3.85	3.99[r]
		Nov	3.27	3.85	4.04[r]
		Dis	3.27	3.85	4.04[r]
	2026	**Jan**	3.27	3.85	4.04[r]
		Feb	3.27	3.85	4.04
		Mac	3.27	3.85	4.04
		Apr	3.27	4.82	4.04
		Mei	3.27	4.82	4.04
		Jun	3.27	4.82	4.04
		Jul	3.27	4.82	4.04
		Ogos	3.27	4.82	3.99
		Sep	3.27	4.82	3.80
3.4.3 A6, MS145	**2025**	**Sep**	3.11	3.83	3.57[r]
		Okt	3.11	3.83	3.58[r]
		Nov	3.11	3.83	3.63[r]
		Dis	3.11	3.83	3.63[r]
	2026	**Jan**	3.11	3.83	3.63[r]
		Feb	3.11	3.83	3.63
		Mac	3.11	3.83	3.62
		Apr	3.11	4.97	3.62
		Mei	3.11	4.97	3.62
		Jun	3.11	4.97	3.62
		Jul	3.11	4.97	3.62
		Ogos	3.11	4.97	3.58
		Sep	3.11	4.97	3.41

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.4 A7, MS145	**2025**	**Sep**	3.11	4.03	3.57[r]
		Okt	3.11	4.03	3.58[r]
		Nov	3.11	4.03	3.63[r]
		Dis	3.11	4.03	3.63[r]
	2026	**Jan**	3.11	4.03	3.63[r]
		Feb	3.11	4.03	3.63
		Mac	3.11	4.03	3.62
		Apr	3.11	4.04	3.62
		Mei	3.11	4.04	3.62
		Jun	3.11	4.04	3.62
		Jul	3.11	4.04	3.62
		Ogos	3.11	4.04	3.58
		Sep	3.11	4.04	3.41
3.4.5 A8, MS145	**2025**	**Sep**	3.12	3.22	3.58[r]
		Okt	3.12	3.22	3.58[r]
		Nov	3.12	3.22	3.63[r]
		Dis	3.12	3.22	3.63[r]
	2026	**Jan**	3.12	3.22	3.63[r]
		Feb	3.12	3.22	3.63
		Mac	3.12	3.22	3.62
		Apr	3.12	4.88	3.62
		Mei	3.12	4.88	3.62
		Jun	3.12	4.88	3.62
		Jul	3.12	4.88	3.62
		Ogos	3.12	4.88	3.58
		Sep	3.12	4.88	3.41
3.4.6 A9, MS145	**2025**	**Sep**	3.11	2.93	3.57[r]
		Okt	3.11	2.93	3.58[r]
		Nov	3.11	2.93	3.63[r]
		Dis	3.11	2.93	3.63[r]
	2026	**Jan**	3.11	2.93	3.63[r]
		Feb	3.11	2.93	3.63
		Mac	3.11	2.93	3.62
		Apr	3.11	6.75	3.62
		Mei	3.11	6.75	3.62
		Jun	3.11	6.75	3.62
		Jul	3.11	6.75	3.62
		Ogos	3.11	6.75	3.58
		Sep	3.11	6.75	3.41

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.7 A10, MS145	**2025**	**Sep**	3.11	2.91	3.57[r]
		Okt	3.11	2.91	3.58[r]
		Nov	3.11	2.91	3.63[r]
		Dis	3.11	2.91	3.63[r]
	2026	**Jan**	3.11	2.91	3.63[r]
		Feb	3.11	2.91	3.63
		Mac	3.11	2.91	3.62
		Apr	3.11	4.61	3.62
		Mei	3.11	4.61	3.62
		Jun	3.11	4.61	3.62
		Jul	3.11	4.61	3.62
		Ogos	3.11	4.61	3.58
		Sep	3.11	4.61	3.41
3.4.8 B5, MS145	**2025**	**Sep**	3.60	3.83	3.98[r]
		Okt	3.60	3.83	3.53[r]
		Nov	3.60	3.83	4.03[r]
		Dis	3.60	3.83	4.03[r]
	2026	**Jan**	3.60	3.83	4.03[r]
		Feb	3.60	3.83	4.03
		Mac	3.60	3.83	4.02
		Apr	3.60	5.58	4.02
		Mei	3.60	5.58	4.02
		Jun	3.60	5.58	4.02
		Jul	3.60	5.58	4.02
		Ogos	3.60	5.58	3.98
		Sep	3.60	5.58	3.79
3.4.9 B6, MS145	**2025**	**Sep**	3.24	3.29	3.57[r]
		Okt	3.24	3.29	3.58[r]
		Nov	3.24	3.29	3.63[r]
		Dis	3.24	3.29	3.63[r]
	2026	**Jan**	3.24	3.29	3.63[r]
		Feb	3.24	3.29	3.63
		Mac	3.24	3.29	3.62
		Apr	3.24	5.08	3.62
		Mei	3.24	5.08	3.62
		Jun	3.24	5.08	3.62
		Jul	3.24	5.08	3.62
		Ogos	3.24	5.08	3.58
		Sep	3.24	5.08	3.41

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region*		
			Utara *North*	**Tengah** *Central*	**Timur** *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.10 B7, MS145	**2025**	**Sep**	3.24	2.99	3.57[r]
		Okt	3.24	2.99	3.58[r]
		Nov	3.24	2.99	3.63[r]
		Dis	3.24	2.99	3.63[r]
	2026	**Jan**	3.24	2.99	3.63[r]
		Feb	3.24	2.99	3.63
		Mac	3.24	2.99	3.62
		Apr	3.24	4.74	3.62
		Mei	3.24	4.74	3.62
		Jun	3.24	4.74	3.62
		Jul	3.24	4.74	3.62
		Ogos	3.24	4.74	3.58
		Sep	3.24	4.74	3.41
3.4.11 B8, MS145	**2025**	**Sep**	3.24	3.13	3.58[r]
		Okt	3.24	3.13	3.58[r]
		Nov	3.24	3.13	3.63[r]
		Dis	3.24	3.13	3.63[r]
	2026	**Jan**	3.24	3.13	3.63[r]
		Feb	3.24	3.13	3.63
		Mac	3.24	3.13	3.62
		Apr	3.24	5.00	3.62
		Mei	3.24	5.00	3.62
		Jun	3.24	5.00	3.62
		Jul	3.24	5.00	3.62
		Ogos	3.24	5.00	3.58
		Sep	3.24	5.00	3.41
3.4.12 B9, MS145	**2025**	**Sep**	3.67	2.97	3.58[r]
		Okt	3.67	2.97	3.58[r]
		Nov	3.67	2.97	3.63[r]
		Dis	3.67	2.97	3.63[r]
	2026	**Jan**	3.67	2.97	3.63[r]
		Feb	3.67	2.97	3.63
		Mac	3.67	2.97	3.62
		Apr	3.67	4.86	3.62
		Mei	3.67	4.86	3.62
		Jun	3.67	4.86	3.62
		Jul	3.67	4.86	3.62
		Ogos	3.67	4.86	3.58
		Sep	3.67	4.86	3.41

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.13 B10, MS145	**2025**	**Sep**	3.24	3.10	3.57[r]
		Okt	3.24	3.10	3.58[r]
		Nov	3.24	3.10	3.62[r]
		Dis	3.24	3.10	3.62[r]
	2026	**Jan**	3.24	3.10	3.62[r]
		Feb	3.24	3.10	3.62
		Mac	3.24	3.10	3.61
		Apr	3.24	4.98	3.61
		Mei	3.24	4.98	3.61
		Jun	3.24	4.98	3.61
		Jul	3.24	4.98	3.61
		Ogos	3.24	4.98	3.57
		Sep	3.24	4.98	3.41
3.4.14 B12, MS145	**2025**	**Sep**	3.58	3.24	3.95[r]
		Okt	3.58	3.24	3.96[r]
		Nov	3.58	3.24	4.01[r]
		Dis	3.58	3.24	4.01[r]
	2026	**Jan**	3.58	3.24	4.01[r]
		Feb	3.58	3.24	4.01
		Mac	3.58	3.24	4.00
		Apr	3.58	5.35	4.00
		Mei	3.58	5.35	4.00
		Jun	3.58	5.35	4.00
		Jul	3.58	5.35	4.00
		Ogos	3.58	5.35	3.96
		Sep	3.58	5.35	3.77
3.4.15 C5, MS145	**2025**	**Sep**	3.61	4.67	3.98[r]
		Okt	3.61	4.67	3.98[r]
		Nov	3.61	4.67	4.04[r]
		Dis	3.61	4.67	4.04[r]
	2026	**Jan**	3.61	4.67	4.03[r]
		Feb	3.61	4.67	4.03
		Mac	3.61	4.67	4.03
		Apr	3.61	6.09	4.03
		Mei	3.61	6.09	4.03
		Jun	3.61	6.09	4.03
		Jul	3.61	6.09	4.03
		Ogos	3.61	6.09	3.98
		Sep	3.61	6.09	3.79

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.16 C6, MS145	**2025**	**Sep**	3.60	4.22	3.97[r]
		Okt	3.60	4.22	3.98[r]
		Nov	3.60	4.22	4.03[r]
		Dis	3.60	4.22	4.03[r]
	2026	**Jan**	3.60	4.22	4.03[r]
		Feb	3.60	4.22	4.03
		Mac	3.60	4.22	4.02
		Apr	3.60	5.68	4.02
		Mei	3.60	5.68	4.02
		Jun	3.60	5.68	4.02
		Jul	3.60	5.68	4.02
		Ogos	3.60	5.68	3.98
		Sep	3.60	5.68	3.79
3.4.17 C7, MS145	**2025**	**Sep**	3.60	4.12	3.97[r]
		Okt	3.60	4.12	3.98[r]
		Nov	3.60	4.12	4.03[r]
		Dis	3.60	4.12	4.03[r]
	2026	**Jan**	3.60	4.12	4.03[r]
		Feb	3.60	4.12	4.03
		Mac	3.60	4.12	4.02
		Apr	3.60	5.47	4.02
		Mei	3.60	5.47	4.02
		Jun	3.60	5.47	4.02
		Jul	3.60	5.47	4.02
		Ogos	3.60	5.47	3.98
		Sep	3.60	5.47	3.79
3.4.18 C8, MS145	**2025**	**Sep**	3.59	4.10	3.96[r]
		Okt	3.59	4.10	3.97[r]
		Nov	3.59	4.10	4.02[r]
		Dis	3.59	4.10	4.02[r]
	2026	**Jan**	3.59	4.10	4.02[r]
		Feb	3.59	4.10	4.02
		Mac	3.59	4.10	4.01
		Apr	3.59	5.41	4.01
		Mei	3.59	5.41	4.01
		Jun	3.59	5.41	4.01
		Jul	3.59	5.41	4.01
		Ogos	3.59	5.41	3.97
		Sep	3.59	5.41	3.78

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.19 C9, MS145	**2025**	**Sep**	3.60	4.00	3.97[r]
		Okt	3.60	4.00	3.97[r]
		Nov	3.60	4.00	4.02[r]
		Dis	3.60	4.00	4.02[r]
	2026	**Jan**	3.60	4.00	4.02[r]
		Feb	3.60	4.00	4.02
		Mac	3.60	4.00	4.02
		Apr	3.60	5.52	4.02
		Mei	3.60	5.52	4.02
		Jun	3.60	5.52	4.02
		Jul	3.60	5.52	4.02
		Ogos	3.60	5.52	3.97
		Sep	3.60	5.52	3.78
3.4.20 C10, MS145	**2025**	**Sep**	3.60	3.89	3.97[r]
		Okt	3.60	3.89	3.98[r]
		Nov	3.60	3.89	4.03[r]
		Dis	3.60	3.89	4.03[r]
	2026	**Jan**	3.60	3.89	4.03[r]
		Feb	3.60	3.89	4.03
		Mac	3.60	3.89	4.02
		Apr	3.60	5.39	4.02
		Mei	3.60	5.39	4.02
		Jun	3.60	5.39	4.02
		Jul	3.60	5.39	4.02
		Ogos	3.60	5.39	3.97
		Sep	3.60	5.39	3.79
3.4.21 DA4, MS145	**2025**	**Sep**	3.64	4.42	4.01[r]
		Okt	3.64	4.42	4.02[r]
		Nov	3.64	4.42	4.07[r]
		Dis	3.64	4.42	4.07[r]
	2026	**Jan**	3.64	4.42	4.07[r]
		Feb	3.64	4.42	4.07
		Mac	3.64	4.42	4.06
		Apr	3.64	5.53	4.06
		Mei	3.64	5.53	4.06
		Jun	3.64	5.53	4.06
		Jul	3.64	5.53	4.06
		Ogos	3.64	5.53	4.01
		Sep	3.64	5.53	3.82

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.22 DA5, MS145	**2025**	**Sep**	3.61	4.33	3.99[r]
		Okt	3.61	4.33	3.99[r]
		Nov	3.61	4.33	4.04[r]
		Dis	3.61	4.33	4.04[r]
	2026	**Jan**	3.61	4.33	4.04[r]
		Feb	3.61	4.33	4.04
		Mac	3.61	4.33	4.04
		Apr	3.61	5.69	4.04
		Mei	3.61	5.69	4.04
		Jun	3.61	5.69	4.04
		Jul	3.61	5.69	4.04
		Ogos	3.61	5.69	3.99
		Sep	3.61	5.69	3.80
3.4.23 DA6, MS145	**2025**	**Sep**	3.24	3.87	3.57[r]
		Okt	3.24	3.87	3.58[r]
		Nov	3.24	3.87	3.63[r]
		Dis	3.24	3.87	3.63[r]
	2026	**Jan**	3.24	3.87	3.63[r]
		Feb	3.24	3.87	3.63
		Mac	3.24	3.87	3.62
		Apr	3.24	5.21	3.62
		Mei	3.24	5.21	3.62
		Jun	3.24	5.21	3.62
		Jul	3.24	5.21	3.62
		Ogos	3.24	5.21	3.58
		Sep	3.24	5.21	3.41
3.4.24 DA7, MS145	**2025**	**Sep**	3.24	3.63	3.57[r]
		Okt	3.24	3.63	3.58[r]
		Nov	3.24	3.63	3.63[r]
		Dis	3.24	3.63	3.63[r]
	2026	**Jan**	3.24	3.63	3.63[r]
		Feb	3.24	3.63	3.63
		Mac	3.24	3.63	3.62
		Apr	3.24	5.01	3.62
		Mei	3.24	5.01	3.62
		Jun	3.24	5.01	3.62
		Jul	3.24	5.01	3.62
		Ogos	3.24	5.01	3.58
		Sep	3.24	5.01	3.41

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.4 Fabric Reinforcement (samb.) *(cont'd)*				**RM Per Kg** *RM Per Kg*	
3.4.25 DA8, MS145	**2025**	**Sep**	3.24	3.52	3.58[r]
		Okt	3.24	3.52	3.58[r]
		Nov	3.24	3.52	3.63[r]
		Dis	3.24	3.52	3.63[r]
	2026	**Jan**	3.24	3.52	3.63[r]
		Feb	3.24	3.52	3.63
		Mac	3.24	3.52	3.62
		Apr	3.24	4.85	3.62
		Mei	3.24	4.85	3.62
		Jun	3.24	4.85	3.62
		Jul	3.24	4.85	3.62
		Ogos	3.24	4.85	3.58
		Sep	3.24	4.85	3.41
3.4.26 DA9, MS145	**2025**	**Sep**	3.24	3.57	3.57[r]
		Okt	3.24	3.57	3.58[r]
		Nov	3.24	3.57	3.63[r]
		Dis	3.24	3.57	3.63[r]
	2026	**Jan**	3.24	3.57	3.63[r]
		Feb	3.24	3.57	3.63
		Mac	3.24	3.57	3.62
		Apr	3.24	4.93	3.62
		Mei	3.24	4.93	3.62
		Jun	3.24	4.93	3.62
		Jul	3.24	4.93	3.62
		Ogos	3.24	4.93	3.58
		Sep	3.24	4.93	3.41
3.4.27 DA10, MS145	**2025**	**Sep**	3.23	3.56	3.56[r]
		Okt	3.23	3.56	3.56[r]
		Nov	3.23	3.56	3.61[r]
		Dis	3.23	3.56	3.61[r]
	2026	**Jan**	3.23	3.56	3.61[r]
		Feb	3.23	3.56	3.61
		Mac	3.23	3.56	3.60
		Apr	3.23	4.98	3.60
		Mei	3.23	4.98	3.60
		Jun	3.23	4.98	3.60
		Jul	3.23	4.98	3.60
		Ogos	3.23	4.98	3.56
		Sep	3.23	4.98	3.39

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.5 Guardrail				**RM Per Meter** *RM Per Metre*	
3.5.1 Single Mounted	**2025**	**Sep**	188.00	189.75	194.50
3.5.1.i 1.95m Post Spacing		**Okt**	187.45	189.25	193.90
		Nov	187.45	189.25	193.90
		Dis	187.45	189.25	193.90
	2026	**Jan**	187.45	189.25	193.90
		Feb	187.45	189.25	193.90
		Mac	187.45	189.25	193.90
		Apr	187.45	189.25	193.90
		Mei	187.45	189.25	193.90
		Jun	187.45	189.25	193.90
		Jul	187.45	189.25	193.90
		Ogos	187.45	189.25	193.90
		Sep	187.45	189.25	193.90
3.5.1.ii 3.80m Post Spacing	**2025**	**Sep**	132.45	133.65	137.00
		Okt	132.15	133.40	136.70
		Nov	132.15	133.40	136.70
		Dis	132.15	133.40	136.70
	2026	**Jan**	132.15	133.40	136.70
		Feb	132.15	133.40	136.70
		Mac	132.15	133.40	136.70
		Apr	132.15	133.40	136.70
		Mei	132.15	133.40	136.70
		Jun	132.15	133.40	136.70
		Jul	132.15	133.40	136.70
		Ogos	132.15	133.40	136.70
		Sep	132.15	133.40	136.70

Nota: Harga guardrail adalah termasuk kos pengangkutan bagi jarak 30km dari outlet.

Notes: The prices for guardrail are inclusive of transportation charges for 30km from the outlets.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Utara *North*	Tengah *Central*	Timur *East*
3.5 Guardrail (samb.) *(cont'd)*				**RM Per Meter** *RM Per Metre*	
3.5.2 Double Mounted	**2025**	**Sep**	287.50	290.20	297.30
3.5.2.i 1.95m Post Spacing		**Okt**	287.00	289.65	296.80
		Nov	287.00	289.65	296.80
		Dis	287.00	289.65	296.80
	2026	**Jan**	287.00	289.65	296.80
		Feb	287.00	289.65	296.80
		Mac	287.00	289.65	296.80
		Apr	287.00	289.65	296.80
		Mei	287.00	289.65	296.80
		Jun	287.00	289.65	296.80
		Jul	287.00	289.65	296.80
		Ogos	287.00	289.65	296.80
		Sep	287.00	289.65	296.80
3.5.2.ii 3.80m Post Spacing	**2025**	**Sep**	220.65	222.70	228.20
		Okt	220.40	222.45	227.90
		Nov	220.40	222.45	227.90
		Dis	220.40	222.45	227.90
	2026	**Jan**	220.40	222.45	227.90
		Feb	220.40	222.45	227.90
		Mac	220.40	222.45	227.90
		Apr	220.40	222.45	227.90
		Mei	220.40	222.45	227.90
		Jun	220.40	222.45	227.90
		Jul	220.40	222.45	227.90
		Ogos	220.40	222.45	227.90
		Sep	220.40	222.45	227.90

Nota: Harga guardrail adalah termasuk kos pengangkutan bagi jarak 30km dari outlet.

Notes: The prices for guardrail are inclusive of transportation charges for 30km from the outlets.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.a Paip Air *Water Pipe*			**RM Per Meter** *RM Per Metre*
3.6.a.1 Mild Steel Pipe 300mm	**2025**	**Sep**	286.00
		Okt	289.00
		Nov	287.00
		Dis	284.00
	2026	**Jan**	281.00
		Feb	280.00
		Mac	287.00
		Apr	291.00
		Mei	300.00
		Jun	307.00
		Jul	304.00
		Ogos	296.00
		Sep	296.00
3.6.a.2 Stainless Steel Pipe 25mm	**2025**	**Sep**	n.a.
		Okt	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.
3.6.a.3 Ductile Iron Pipe 300mm	**2025**	**Sep**	n.a.
		Okt	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.

Sumber: Persatuan Industri Besi dan Keluli Malaysia (MISIF)

Sources: Malaysian Iron & Steel Industry Federation (MISIF)

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.a. Paip Air (samb.) *Water Pipe (cont'd)*			**RM Per Meter** *RM Per Metre*
3.6.a.4 High Density Polyethylene (HDPE) Pipe	**2025**	**Sep**	n.a.
		Okt	n.a.
3.6.a.4.i. Compression Fitting Using For Jointing 25mm		**Nov**	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.
3.6.a.4.ii. Electrofusion Jointing 160mm	**2025**	**Sep**	n.a.
		Okt	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.
3.6.a.4.iii. Butt Fussion 160mm	**2025**	**Sep**	n.a.
		Okt	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.b Paip Pembetungan (samb.) *Sewerage Pipe (cont'd)*			**RM Per Meter** *RM Per Metre*
3.6.b.1 Mild Steel Pipe 300mm	**2025**	**Sep**	308.48
		Okt	311.72
		Nov	309.56
		Dis	306.33
	2026	**Jan**	303.09
		Feb	302.01
		Mac	309.56
		Apr	313.88
		Mei	323.58
		Jun	331.14
		Jul	327.90
		Ogos	319.27
		Sep	319.27
3.6.b.2 Ductile Iron Pipe 250mm	**2025**	**Sep**	n.a.
		Okt	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.
3.6.b.3 High Density Polyethylene (HDPE) Pipe	**2025**	**Sep**	n.a.
		Okt	n.a.
3.6.b.3.i. Profile Pipe 150mm		**Nov**	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.b Paip Pembetungan (samb.) *Sewerage Pipe (cont'd)*			**RM Per Meter** *RM Per Metre*
3.6.b.3 High Density Polyethylene (HDPE) Pipe	**2025**	**Sep**	108.02
3.6.b.3.ii Solid Pipe 250mm		**Okt**	108.02
		Nov	108.02
		Dis	108.02
	2026	**Jan**	108.02
		Feb	108.02
		Mac	108.02
		Apr	108.02
		Mei	108.02
		Jun	108.02
		Jul	108.02
		Ogos	108.02
		Sep	108.02
3.6.b.4 Vitrified Clay Pipe	**2025**	**Sep**	112.34
3.6.b.4.i Standard Pipe 225mm		**Okt**	112.34
		Nov	112.34
		Dis	112.34
	2026	**Jan**	112.34
		Feb	112.34
		Mac	112.34
		Apr	112.34
		Mei	112.34
		Jun	112.34
		Jul	112.34
		Ogos	112.34
		Sep	112.34
3.6.b.4.ii Jacking Pipe 225mm	**2025**	**Sep**	485.00
		Okt	485.00
		Nov	485.00
		Dis	485.00
	2026	**Jan**	485.00
		Feb	485.00
		Mac	485.00
		Apr	485.00
		Mei	485.00
		Jun	485.00
		Jul	485.00
		Ogos	485.00
		Sep	485.00

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.b Paip Pembetungan (samb.) *Sewerage Pipe (cont'd)*			**RM Per Meter** *RM Per Metre*
3.6.b.5 Reinforced Concrete Pipe	**2025**	**Sep**	319.00
3.6.b.5.i Without Lining		**Okt**	319.00
900mm		**Nov**	319.00
		Dis	319.00
	2026	**Jan**	319.00
		Feb	319.00
		Mac	319.00
		Apr	319.00
		Mei	319.00
		Jun	319.00
		Jul	319.00
		Ogos	319.00
		Sep	319.00
3.6.b.5.ii With Lining (High Alumina)	**2025**	**Sep**	n.a.
900mm		**Okt**	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.
3.6.b.5.iii With Lining (Sacrificial Lining)	**2025**	**Sep**	n.a.
900mm		**Okt**	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.

Jadual 3: Harga unit purata bagi pasir, batu baur, *premix* , *fabric reinforcement* , *guardrail* dan paip air & paip pembetungan (samb.)

Table 3: Average unit prices for sand, aggregates, premix, fabric reinforcement, guardrail and water pipe & sewerage pipe (cont'd)

Item	Tempoh *Period*		Kawasan *Region* Semenanjung Malaysia *Peninsular Malaysia*
3.6.b Paip Pembetungan *Sewerage Pipe*			**RM Per Meter** *RM Per Metre*
3.6.b.6 ABS Pipe	**2025**	**Sep**	53.80
3.6.b.6.i Gravity		**Okt**	53.80
110mm		**Nov**	53.80
		Dis	53.80
	2026	**Jan**	53.80
		Feb	53.80
		Mac	53.80
		Apr	53.80
		Mei	53.80
		Jun	53.80
		Jul	53.80
		Ogos	53.80
		Sep	53.80
3.6.b.6.ii Force Main	**2025**	**Sep**	n.a.
225mm		**Okt**	n.a.
		Nov	n.a.
		Dis	n.a.
	2026	**Jan**	n.a.
		Feb	n.a.
		Mac	n.a.
		Apr	n.a.
		Mei	n.a.
		Jun	n.a.
		Jul	n.a.
		Ogos	n.a.
		Sep	n.a.

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NOTA TEKNIKAL

TECHNICAL NOTES

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NOTA TEKNIKAL

1. PENDAHULUAN

Jabatan Perangkaan Malaysia (DOSM) menerbitkan Siaran Khas 1 (Untuk kerja-kerja kejuruteraan awam) Semenanjung Malaysia secara bulanan setiap tahun sejak 1974. Siaran Khas 1 ini memaparkan statistik purata harga bahan-bahan binaan utama yang digunakan dalam aktiviti pembinaan struktur. DOSM bekerjasama dengan Jabatan Kerja Raya dan Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dalam menentukan senarai dan spesifikasi bahan binaan.

2. OBJEKTIF

Objektif utama Siaran Khas 1 ini diterbitkan adalah untuk menyediakan statistik harga seunit bahan binaan bagi tujuan pengiraan kadar perubahan harga dan tidak boleh digunakan untuk mewakili kedudukan harga yang sebenar.

3. KAEDAH PENGUMPULAN DATA

Statistik harga purata bagi bahan seperti bar keluli, simen, pasir, batu baur, *fabric reinforcement* dan *guardrail* yang diterbitkan dalam Siaran Khas 1 ini diperoleh dari pungutan harga yang telah dibuat oleh DOSM Negeri di outlet terpilih. Outlet terpilih adalah outlet yang digunakan oleh kontraktor untuk membuat pembelian (*point of purchase*).

Selain pungutan harga oleh DOSM Negeri, terdapat juga data purata bahan binaan yang turut diperoleh atau dibekalkan oleh agensi-agensi lain.

TECHNICAL NOTES

1. INTRODUCTION

The Department of Statistics Malaysia (DOSM) publishes Special Release 1 (For civil engineering works) of Peninsular Malaysia on a monthly basis every year since 1974. This Special Release 1 displays statistics on the average price of the main building materials used in structural construction activities. DOSM works with the Public Works Department and the Malaysian Construction Industry Development Board (CIDB) in determining the list and specification of building materials.

2. OBJECTIVE

The main objective of this Special Release 1 is to provide statistics on the price of a unit of building materials for the purpose of calculating the rate of price change and cannot be used to represent the actual price position.

3. DATA COLLECTION METHODS

The average price statistics for materials such as steel bars, cement, sand, aggregate, fabric reinforcement and guardrail published in this Special Release 1 are obtained from a price collection made by the State DOSM at selected outlets. The selected outlet is the outlet used by the contractor to make a purchase (point of purchase).

In addition to price collection by the State DOSM, there is also average data of building materials that are also obtained or supplied by other agencies.

NOTA TEKNIKAL (samb.)

4. SKOP DAN LIPUTAN

i. Harga yang dipungut bagi setiap bahan binaan adalah harga transaksi (harga yang dijual kepada kontraktor), termasuk harga borong dan harga selepas diskaun diberikan; harga termasuk semua jenis cukai, seperti cukai jualan, cukai import; harga pada tempoh hutang yang biasa diberi kepada kontraktor (*credit term*).

ii. Harga yang direkodkan adalah mengikut spesifikasi yang ditetapkan seperti dalam borang pungutan harga. Penukaran harga ke unit yang diperlukan jika item dijual dalam unit yang berlainan. Harga juga tidak termasuk kos pemasangan.

iii. Purata harga bagi Bitumen penembusan 60/70 adalah berdasarkan harga purata Selangor.

iv. Harga yang dilaporkan oleh setiap DOSM negeri dikelaskan kepada tiga (3) kawasan di Semenanjung Malaysia adalah seperti berikut:

Utara	=	Perlis, Kedah, Pulau Pinang dan Perak
Tengah	=	Wilayah Persekutuan Kuala Lumpur, Melaka, Negeri Sembilan, Selangor dan Johor
Timur	=	Pahang, Terengganu dan Kelantan

5. FAKTOR PELARASAN

Faktor pelarasan bagi kategori dan saiz paip yang tidak diterbitkan dalam Siaran Khas 1 ini adalah seperti di **Lampiran A**.

TECHNICAL NOTES (cont'd)

4. SCOPE AND COVERAGE

i. The price collected for each building material is the transaction price (the price sold to the contractor), including the wholesale price and the price after the discount is given; price includes all types of taxes, such as sales tax, import tax; the price at the debt period that is usually given to the contractor (credit term).

ii. The recorded price is according to the specifications set as in the price collection form. Price conversion to units required if items are sold in different units. The price also does not include installation costs.

iii. The average price for 60/70 penetration Bitumen is based on the average price of Selangor.

iv. The prices reported by each state DOSM classified into three (3) areas in Peninsular Malaysia are as follows:

North	=	*Perlis, Kedah, Pulau Pinang and Perak*
Central	=	*Wilayah Persekutuan Kuala Lumpur, Melaka, Negeri Sembilan, Selangor and Johor*
East	=	*Pahang, Terengganu and Kelantan*

5. ADJUSTMENT FACTORS

Adjustment factors for pipe categories and sizes not published in this Special Release 1 are as in ***Appendix A.***

NOTA DAN SIMBOL

n.a	=	Tidak diperoleh
r	=	Kemaskini

NOTES AND SYMBOLS

n.a	=	*Not available*
r	=	*Revised*

LAMPIRAN

APPENDIX

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Jadual faktor pelarasan bagi paip air dan paip pembetungan
Adjustment factor table for water pipe and sewerage pipe

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip air *Water pipe* 1. Mild Steel Pipe	
100 mm Ø	0.25
150 "	0.36
200 "	0.47
250 "	0.59
300 "	1.00
350 "	1.16
400 "	1.32
450 "	1.48
500 "	1.63
600 "	2.18
700 "	2.80
750 "	2.99
800 "	3.18
900 "	3.56
1000 "	4.25
1100 "	5.53
1150 "	5.83
1200 "	6.40
1300 "	7.60
1400 "	8.16
1500 "	10.32
1600 "	10.98
1700 "	11.64
1800 "	12.30
1900 "	12.96
2000 "	14.74
2100 "	16.01
2200 "	17.33
2. Stainless Steel Pipe	
13 mm Ø (1/2")	0.53
20 " (3/4")	0.69
25 " (1")	1.00
32 " (1 1/4")	1.34
38 " (1 1/2")	1.59
50 " (2")	2.14
63 " (2 1/2")	3.42
75 " (3")	4.66
100 " (4")	6.72

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip air *Water pipe*	
3. Ductile Iron Pipe	
100 mm Ø	0.35
150 "	0.45
200 "	0.60
250 "	0.79
300 "	1.00
350 "	1.25
400 "	1.50
450 "	1.78
500 "	2.05
600 "	2.70
700 "	3.50
4. High Density Polyethylene (HDPE) Pipe	
i. Compression Fitting Using For Jointing	
20 mm Ø	0.69
25 "	1.00
32 "	1.63
40 "	2.59
50 "	3.93
63 "	6.18
75 "	8.83
90 "	12.68
ii. Electrofusion Jointing	
110 mm Ø	0.48
125 "	0.63
140 "	0.80
160 "	1.00
180 "	1.30
200 "	1.54
225 "	1.96
250 "	2.46
280 "	3.27
315 "	3.97
355 "	6.29
400 "	7.80

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip air *Water pipe*	
ii. Electrofusion Jointing (samb. / cont'd)	
450 mm Ø	12.98
500 "	17.76
560 "	21.02
iii. Butt Fussion	
110 mm Ø	0.48
125 "	0.62
140 "	0.76
160 "	1.00
180 "	1.25
200 "	1.56
225 "	1.94
250 "	2.38
280 "	2.97
315 "	3.76
355 "	4.79
400 "	6.06
450 "	7.90
500 "	7.90
560 "	12.61

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
1. Mild Steel Pipe	
100 mm Ø	0.40
125 "	0.50
150 "	0.59
200 "	0.79
250 "	0.99
300 "	1.00
350 "	1.38
400 "	1.58
450 "	1.78
500 "	1.98
550 "	2.20
600 "	2.37
650 "	2.50
700 "	2.77
750 "	2.96
800 "	3.16
850 "	3.40
900 "	3.56
950 "	3.80
1000 "	3.95
1200 "	4.74
1400 "	5.53
1600 "	6.32
1800 "	7.11
2000 "	7.91
2100 "	8.30
2200 "	8.70
2. Ductile Iron Pipe	
80 mm Ø	0.35
100 "	0.40
150 "	0.60
200 "	0.80
250 "	1.00
300 "	1.20
350 "	1.40
400 "	1.60
450 "	1.80
500 "	2.00

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
2. Ductile Iron Pipe (samb. / cont'd)	
600 mm Ø	2.40
700 "	2.80
800 "	3.20
1000 "	3.40
1200 "	3.60
i. HDPE (Profile) Pipe	
100 mm Ø	0.64
125 "	0.80
150 "	1.00
200 "	1.73
250 "	1.28
300 "	4.10
350 "	7.50
400 "	10.55
450 "	12.00
500 "	17.00
550 "	19.31
600 "	19.32
650 "	19.50
700 "	20.25
750 "	21.27
800 "	25.60
850 "	31.07
900 "	35.00
950 "	38.19
1000 "	54.82
1200 "	74.00
1400 "	94.00
1600 "	123.23
1800 "	165.00
2000 "	207.35
2100 "	300.00
2200 "	400.00

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
ii. HDPE (Solid) Pipe	
100 mm Ø	0.20
125 "	0.25
150 "	0.50
200 "	0.65
250 "	1.00
300 "	1.50
350 "	2.00
400 "	2.69
450 "	3.51
500 "	4.48
550 "	5.50
600 "	6.00
650 "	7.50
700 "	8.50
750 "	10.00
800 "	11.75
850 "	15.00
900 "	16.50
950 "	18.00
1000 "	20.40
1200 "	24.00
1400 "	26.00
1600 "	32.00
1800 "	36.00
2000 "	38.00
2100 "	42.00
2200 "	45.00

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
4. Vitrified Clay Pipe	
i. Vitrified Clay (Standard) Pipe	
100 mm Ø	0.40
150 "	0.52
200 "	0.84
225 "	1.00
300 "	2.37
375 "	4.24
400 "	4.95
450 "	5.63
500 "	7.96
600 "	11.78
700 "	14.33
800 "	14.50
ii. Vitrified Clay (Jacking) Pipe	
100 mm Ø	0.80
150 "	0.85
200 "	0.90
225 "	1.00
300 "	1.60
375 "	1.87
400 "	2.17
450 "	2.60
500 "	3.22
600 "	3.75
700 "	4.15
800 "	4.65

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
5. Reinforced Concrete Pipe (RCP)	
i. Without Lining	
375 mm Ø	0.26
450 "	0.31
600 "	0.47
750 "	0.69
900 "	1.00
1050 "	1.33
1200 "	1.56
1350 "	1.97
1500 "	2.44
1650 "	2.80
1800 "	3.59
ii. With Lining (High Alumina)	
375 mm Ø	0.26
450 "	0.31
600 "	0.47
750 "	0.69
900 "	1.00
1050 "	1.33
1200 "	1.56
1350 "	1.97
1500 "	2.44
1650 "	2.80
1800 "	3.59
iii. With Lining (Sacrificial Lining)	
375 mm Ø	0.26
450 "	0.31
600 "	0.47
750 "	0.69
900 "	1.00
1050 "	1.33
1200 "	1.56
1350 "	1.97
1500 "	2.44
1650 "	2.80
1800 "	3.59

Jadual faktor pelarasan bagi paip air dan paip pembetungan (samb.)
Adjustment factor table for water pipe and sewerage pipe (cont'd)

Kategori dan saiz paip *Category and size of pipe*	**Faktor pelarasan** *Adjustment factor*
Paip pembetungan *Sewerage pipe*	
6. ABS Pipe	
i. Gravity	
90 mm Ø	0.67
110 "	1.00
150 "	2.07
225 "	3.64
315 "	7.10
ii. Force Main	
15 mm Ø	0.01
20 "	0.02
25 "	0.03
32 "	0.04
40 "	0.05
50 "	0.08
65 "	0.15
80 "	0.18
100 "	0.30
150 "	0.61
200 "	1.13
225 "	1.00
250 "	3.73
280 "	1.48
315 "	1.87
355 "	2.37
400 "	3.01
450 "	3.81
500 "	4.71
630 "	7.47

Lampiran B
Appendix B

Sasaran Tarikh Pengumuman Siaran Khas 1
(Untuk Kerja-Kerja Kejuruteraan Awam), Semenanjung Malaysia, 2026
Scheduled Release Dates for Special Release 1
(For Civil Engineering Works), Peninsular Malaysia, 2026

Tahun *Year*	**Bulan Rujukan** *Reference Month*	**Tahun** *Year*	**Tarikh Pengumuman** *Release Date*
2026	**Januari** *January*	**2026**	**11 Februari** *11 February*
	Februari *February*		**11 Mac** *11 March*
	Mac *March*		**09 April** *09 April*
	April *April*		**12 Mei** *12 May*
	Mei *May*		**10 Jun** *10 June*
	Jun *June*		**09 Julai** *09 July*
	Julai *July*		**11 Ogos** *11 August*
	Ogos *August*		**10 September** *10 September*
	September *September*		**12 Oktober** *12 October*
	Oktober *October*		**10 November** *10 November*
	November *November*		**10 Disember** *10 December*
	Disember *December*	**2027**	**11 Januari** *11 January*