

DELTA SAMA JAYA SDN. BHD. (DSSB)

(Company No. 500276-W)

(Registered with Mininstry of Finance, Tenaga Nasional Berhad (TNB), CIDB, KTMB, Telekom (TM), etc.)



HIGH QUALITY CABLE SLAB <u>& MARKERS</u>



No. 23G & 23M, DSSB Building, Jalan Perdana 6/8, Pandan Perdana, 55300 Kuala Lumpur, Malaysia Tel: +603- 9282 4007, 03- 9281 3778 ; Fax: +603- 9287 0705

Website : www.substation.com.my

and

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Website: www.cablecleat.com.my , www.substation.com.my Installation and supplier for:-Substation, Cabling, Earthing, Transformer, Cable Cleat, Power Plant, Steel Structure.



Registered with: Tenaga Nasional Berhad (TNB) and Ministry of Finance, CIDB, KTMB, Telekom, etc.

HIGH QUALITY PLASTIC SLABS / TILES (TRIPLE / SINGLE HOOK)

Introduction

Cable Slabs/Cover are used as visual warning indicators for cables laid underground, while at the same time provides mechanical protection for underground laidcables in the event of excavation work. The Cable Slab/Cover are buried below the ground level and above the underground cables.

Advantages

Very high impact strength properties to provides good mechanical protection for underground laid cables and pipes. Very lightweight- reduce risk of personal injury. Designed for easy transportation. Designed with interlocking end (hook and slot) to make simple and effectiveconnection at site. Can be supplied in any colour and language, identifying the type of servicesburied below. Prevent or minimise damages to Electrical Cables, Telecommunication Cables, Signalling Cables, Fibre Optic Cables, Gas Pipes, Water Pipes, etc. High impact resistant Reduce the cost for repairing Accidental dropping does not damage cables No risk of accidental breakages Maintenance free Gives the clearest warning

Enviromental Friendly

Marking and Embossing

The slabs shall be embossed with lettering to provide visual warning during excavation works and permanently marked as per customer's requirements.

Note

Various feedback from sites and customers indicated that, conventional type single hook/slot interlocking slabs/covers easily disconnected/break from the next slab/cover due to only one single hook and slot system. Our Cable Slab is designed and improvised with 3 hooks/slots to withstand 3 times the pulling forceand do not come off or break during excavation work or during installation.



(Triple Hook)



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HIGH QUALITY PLASTIC CABLE SLABS/TILES (TRIPLE HOOKS) (Thickness: 6mm)

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

| Item Code | Size (mm) | Colour |
|--------------------|-----------------------------------|-----------|
| DSSB-CSAP250Y-3-6 | 250mm(W) x 1000mm (L) x 6.0mm (T) | Yellow |
| DSSB-CSAP250O-3-6 | 250mm(W) x 1000mm (L) x 6.0mm (T) | Orange |
| DSSB-CSAP250G-3-6 | 250mm(W) x 1000mm (L) x 6.0mm (T) | Green |
| DSSB-CSAP-250C-3-6 | 250mm(W) x 1000mm (L) x 6.0mm (T) | Customize |







Laying of Protection Cover for gas pipe

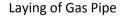


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Laying of fine Sand (covering the gas pipe)











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HIGH QUALITY PLASTIC CABLE SLABS/TILES (TRIPLE HOOKS)

| (Thickness: | 2mm) |
|-------------|------|
|-------------|------|

| Item Code | Size (mm) | Colour | | | |
|---|----------------------------------|--------|--|--|--|
| DSSB-CSAP-250O-3-2 | 250mm(W) x 1000mm (L) x2.0mm (T) | Orange | | | |
| DSSB-CSAP-250G-3-2 | 250mm(W) x 1000mm (L) x2.0mm (T) | Green | | | |
| DSSB-CSAP-250Y-3-2 | 250mm(W) x 1000mm (L) x2.0mm (T) | Yellow | | | |
| DSSB-CSAP-250R-3-2 | 250mm(W) x 1000mm (L) x2.0mm (T) | Red | | | |
| Other size/colour please call for enquiry | | | | | |













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HIGH QUALITY PLASTIC CABLE SLABS/TILES (SINGLE HOOK)

(Thickness: 2mm)

| Item Code | Size (mm) | Colour |] |
|--|--|--|--------------------------------|
| DSSB-CSAP-100C-1 | 100mm (W) x 1000mm(L) x 2mm | (T) Customize | |
| DSSB-CSAP-150G-1 | 150mm (W) x 1000mm(L) x 2mm | (T) Green | |
| DSSB-CSAP-200Y-1 | 200mm (W) x 1000mm(L) x 2mm | (T) Yellow | |
| DSSB-CSAP250Y-1GSM | 250mm (W) x 1000mm (L) x 2mm | (T) Yellow | ANGLE PLATE TYPE |
| DSSB-CSAP250O-1 | 250mm(W) x 1000mm (L) x 2mm | (T) Orange | DOUBLE RIB |
| DSSB-CSAP250G-1 | 250mm(W) x 1000mm (L) x 2mm | (T) Green | |
| | Other size/colour please call for enquiry | | |
| CAUTION AMAGE TELEXOM DI | ONAS GAS BERALD | BAHAYA I KABELINSTR ELEMENT PINGERANG RA | PIPE BELOW |
| ¢ | ABEL LETRIK DIBAWAH | AWAS KASEL VELEKOW DIRAWAR | SILA RUEURGI : 1-800-88-9947 |
| Now you o your ov wo Call: +6 | can customize vn colour & rdings!!! 03- 9282 4007 | | 000mm > 100mm 000mm > 100mm |

150mm

200mm

1000mm

1000mm

BS EN 12613:2009





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HIGH QUALITY CONCRETE CABLE SLAB / TILES (11kV, 33kV, 132kV and 275kV)

| Item No. | Item Code | Size | Weight (kg) |
|----------|------------------|-----------------------|-------------|
| 1 | DSSB-CSM-CCS150C | 150mm X 1000mm X 50mm | 15 |
| 2 | DSSB-CSM-CCS300C | 300mm X 1000mm X 50mm | 36 |
| 3 | DSSB-CSM-CCS150C | 150mm X 1000mm X 50mm | 15 |
| 4 | DSSB-CSM-CCS300C | 300mm X 1000mm X 50mm | 30 |
| 5 | DSSB-CSM-CCS300C | 300mm X 610mm X 50mm | 22 |
| 6 | DSSB-CSM-CCS280C | 280mm X 900mm X 50mm | 29 |
| 7 | DSSB-CSM-CCS345C | 345mm X 840mm X 50mm | 27 |
| 8 | DSSB-CSM-CCS150C | 150mm X 900mm X 50mm | 14 |
| 9 | DSSB-CSM-CCS350C | 350mm X 870mm X 65mm | 39 |
| 10 | DSSB-CSM-CCS150C | 150mm X 900mm X 50mm | 13 |
| 11 | DSSB-CSM-CCS150C | 150mm X 900mm X 50mm | 13 |
| | Wording : N | /IERBAHAYA LETRIK | |

***other wording are available upon request



Item 1

Item 2



Item 10

Item 11



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HYBRID CONCRETE PLASTIC CABLE SLAB

| Item Code | Size | Weight (kg) |
|-------------------|-----------------------|-------------|
| DSSB-CSM-CPCS300C | 300mm X 1000mm X 50mm | 36kg |





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|---|-------|---|---|---|--|
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HIGH QUALITY CONCRETE CABLE MARKER

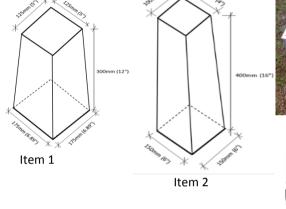
(Square)

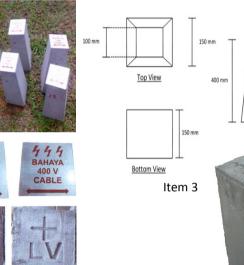
| Item No. | Item Code | Size | | | Weight |
|----------------|------------------------|---------|-------------|----------|--------|
| item NO. | | A (top) | B (heightt) | C (base) | weight |
| 1 | DSSB-CSM-CCMS300 | 125mm x | 300mm x | 175mm | 15 kg |
| 2 | DSSB-CSM-CCMS400 | 100mm x | 400mm x | 150mm | 18 kg |
| 3 | DSSB-CSM-CCMS400 | 100mm x | 400mm x | 150mm | 13 kg |
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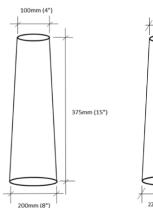


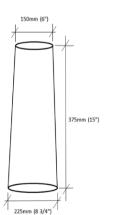


Side View

HIGH QUALITY CONCRETE CABLE MARKER (Round)

| Item Code | | Size | Woight (kg) | |
|---------------------|---------|------------|-------------|-------------|
| | A (top) | B (height) | C (base) | Weight (kg) |
| DSSB-CSM-CCMR375100 | 100mm x | 375mm x | 200mm | 20 kg |
| DSSB-CSM-CCMR375150 | 150mm x | 375mm x | 225mm | 20 kg |









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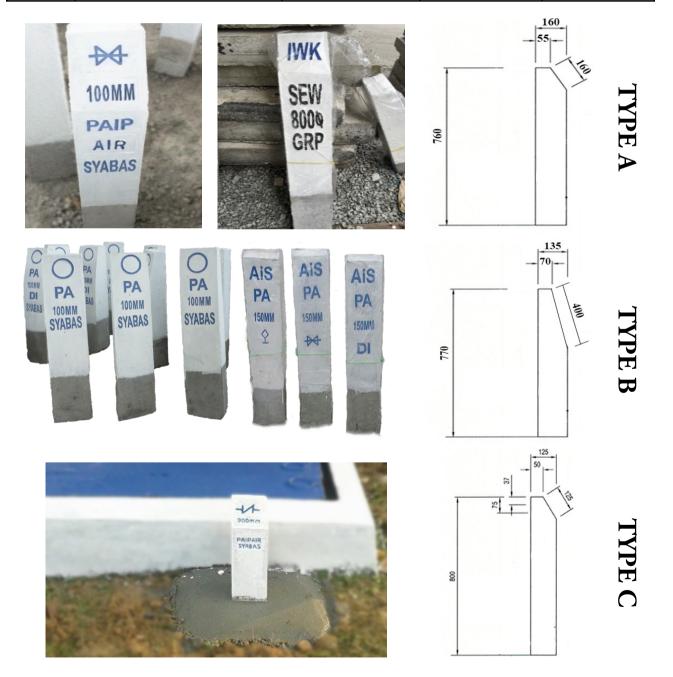


Substation, Cabling, Earthing, Transformer, Cable Cleat, Power Plant, Steel Structure.

CONCRETE POST MARKER

(Square)

| TYPE Item Code - | | Size | | | | |
|------------------|---------------------|-----------|------------|----------|--|--|
| | item code | A(top) | B (height) | C (base) | | |
| А | DSSB-CSM-CMP-760160 | TS160mm x | H760mm x | B160mm | | |
| В | DSSB-CSM-CMP-770135 | TS400mm x | H770mm x | B135mm | | |
| С | DSSB-CSM-CMP-800125 | TS125mm x | H800mm x | B125mm | | |





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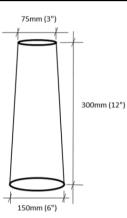
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HIGH QUALITY CEMENT CABLE MARKER

(Round)

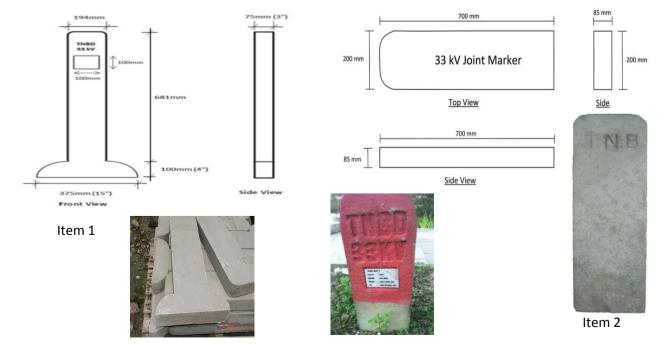
| Item Code | | Size | Woight (kg) | |
|------------------|--------|------------|-------------|-------------|
| | A(top) | B (height) | C (base) | Weight (kg) |
| DSSB-CSM-CCMR300 | 75mm x | 300mm x | 150mm | 6 |





HIGH QUALITY CONCRETE JOINT MARKER

| Item No. | Item Code | | Size | Weight (kg) | | |
|----------|-----------------|---------|------------|-------------|-------------|--|
| item NO. | | A(top) | B (height) | C (base) | weight (kg) | |
| 1 | DSSB-CSM-CJM781 | 194mm x | 781mm x | B375mm | 32 | |
| 2 | DSSB-CSM-CJM200 | 200mm x | 700mm x | 85mm | 24 | |





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8 Installation and supplier for:-

Substation, Cabling, Earthing, Transformer, Cable Cleat, Power Plant, Steel Structure.

Reference List: High Quality Plastic Cable Slab / Tile Supplied / installed in various

project for the last 5 years.

- 1 Petronas Bintulu, Sarawak
- 2 Kota Kinabalu, Sabah
- 3 ABB Algeria
- 4 TNB Cameron Highland, Pahang
- 5 SESB Sandakan, Sabah
- 6 Bentong Mini Hydro
- 7 TNB Pengkalan Industry, Perak
- 8 TNB Puchong Perdana 275kV Substation
- 9 TNB Shah Alam West 275kV Substation
- 10 TNB Ampang 275kV Substation
- 11 Malaysia Airport Berhad KLIA Project
- 12 Putrajaya Holding Fibre Optic Cable Laying
- 13 Petronas, Kemaman
- 14 Petronas, Bintulu
- 15 P11, Putrajaya Holdings
- 16 PRASARANA Projek Mass Rapid Transit Lembah Kelang Jajaran Sg. Buloh - Kajang Package V2: Gas Malaysia Pipe Relocation Works
- 17 EPCC of the Natural Gas System for 100MW Combined Cycle Power Plant in Kimanis, Sabah
- 18 EPCC of NGDS to Puching Serdang (Looping) FL Stage 1/12, Puchong Selangor
- 19 Sabah Sarawak Gas Pipeline Project For Petronas Carigali Sdn Bhd
- 20 VTS Project
- 21 MES Project
- 22 Petronas, Negeri Sembilan
- 23 Petronas, Segamat
- 24 Petronas, Penang
- 25 LNG Regasification Facility, Pengerang
- 26 RAPID Pengerang Co-Generation Plant (PCP)
- 27 RAPID Package 4, Pengerang Amine recovery units, Sulfur recovery units, etc
- 28 RAPID Package 3, Pengerang
- 29 LRT Extension KJ Line

Note: We have also been supplying to other companies, which we do not have any records of their sites.

PHOTOS



HIGH QUALITY CONCRETE CABLE SLAB / TILES



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CONCRETE CABLE SLAB / TILES INSTALLATION WORKS

- 1)Workers moving concrete cable slab / tiles into the location.
- 2)Ready for Installation.
- 3)Installation Complete.
- 4)Sand is used to cover the cable slab.















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CONCRETE CABLE SLAB / TILES INSTALLATION WORKS

Concrete Cable Slab / Tiles during relocation of underground power cables for MRT project in IKEA / One Utama Area.

















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Reference List: Concrete Cable Slab supplied / installed in various project for the last 5 years.

- 1 TNB Section 18 275 / 132 kV Substation Shah Alam
- 2 Solar Farm Project, Alor Star
- **3 TNB Taman Jaya Substation**
- 4 MRT Line 1, Kota Damansara
- 5 MRT Line 1, Relocation (One Utama)
- 6 TNB Sg Abong 132kV Muar Substation
- 7 TNB Ulu Terengganu 132 kV Substation
- 8 Petronas Kemaman Project
- 9 Jalan Pudu MRT Line 1 Project
- 10 Lachau Project Sarawak
- 11 MRT Line 1 Sungai Buloh Depoh
- 12 MRT Line 1 Mutiara Damansara

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