



# Target®



**YOUR PRECAST CONCRETE PRODUCTS SPECIALIST**

# Introduction

# TARGET PRECAST INDUSTRIES SDN. BHD

## TARGET PRECAST INDUSTRIES SDN. BHD

(formerly known as **TARGET FORTUNE SDN. BHD.**) was incorporated in 1st March 1993. The company started off with a humble beginning as a small casting yard with only a small team of workers.

Under efficient management, the company has grown steadily over the past years with the objectives in striving to be your reliable **Business Partner** and **One-Stop Precast Yard**. We specialized in manufacturing Precast Manholes suitable for constructing Electrical and Telecommunication infrastructure.

Today, our brand name **TARGET** had steadily become well accepted by our client as being reliable and trustworthy. **TARGET** specialized range of products are **Telekom** and **TNB** approved Manhole and Accessories. We successfully obtained the **SIRIM Load Test Certification** on quality and reliability for our precast manholes. The latest addition will be our success in obtaining our **Lloyds Register Quality Assurance Management System Standards ISO 9001 : 2008**. on the 21st July 2007.

Other products in our manufacturing range are the Precast Reinforced Concrete Box- Culverts, Pecast U - Shaped Open Drain, Street Lighting Stump, Cable Junction Box and Concrete Road Kerbs.

With our strength and strategic alliance, we are now researching more effective and user-friendly manhole, which in time to come will help both ourselves and customers in reducing operational cost. We do cater to custom-made designs to suit special requirements. We are also expanding our services by providing installation service when required.

Our manhole has proudly made their way to a number of mega projects namely in Putrajaya, Desa Parkcity, Cyberjaya, Kota Kemuning, Bandar Setia Alam, Bukit Rimau, PLUS North South Highway, Pusat Bandar Puchong, KL Putrajaya Highway, Bandar Nusajaya, Setia Eco Park, MRT, LRT and many more.

In line with our expansion plan, we are now grooming ourselves towards achieving our company objectives. Do take a brief moment and browse through our company profile to get to know us better.



# Range of Certifications & Awards

## Our Quality Assurance

We are committed to comply with ISO 9001 : 2008 requirements and to enhance our customers' satisfaction through continuous improvement on product quality.



**SME Product Excellence Award 2015**



**Malaysai 100 Excellent Enterprise 2015**



**Sin Chew Business Excellence Award 2014**



KLR0500386

# Process Flow Manufacturing

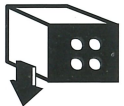
## In The Beginning .....

Building structures, in the ancient days, was cast in-situ, which concrete was poured into specific fabricated form work and cured on site. This normally requires longer time and design strength needs to wait 28 days before next stage of works can commence. Precast concrete started way back during the ancient Roman builders. This technological building concept was used to build their complex network of aqueducts, culverts and tunnels. Modern application of precast technology includes a variety of architectural structures including precast manhole that is widely used in the telecommunication and electrical sectors. Precast concrete is produced under controlled environment, which covers great control of materials quality, comprehensive plus workmanship and proper curing. With precast concrete, it eliminates various uncertainties at site and save time lag between the concrete placing and the time it can carry loads.

## FEATURES :



Good choice of replacement for conventional in-situ casting method.



Hassle free installation with minimum interruption to road traffic.



Tremendous time and cost savings with factory quality finishes.



Better loading capacity.

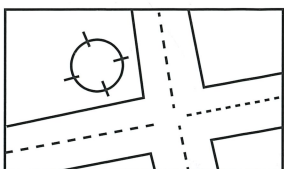


Environmental friendly as generate less construction waste.

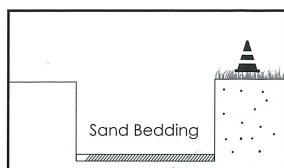


Minimum manpower required, better quality control.

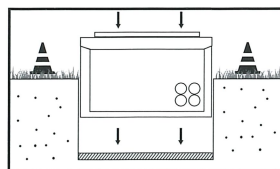
## INSTALLATION MANHOLE :



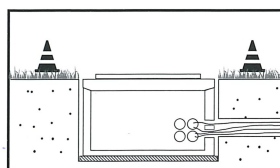
**STEP 1 :**  
Identify the manhole location and begin excavation works to the desired dimension and height



**STEP 2 :**  
Prepare a sand-bedding surface to ensure the excavated location level prior to the installation.

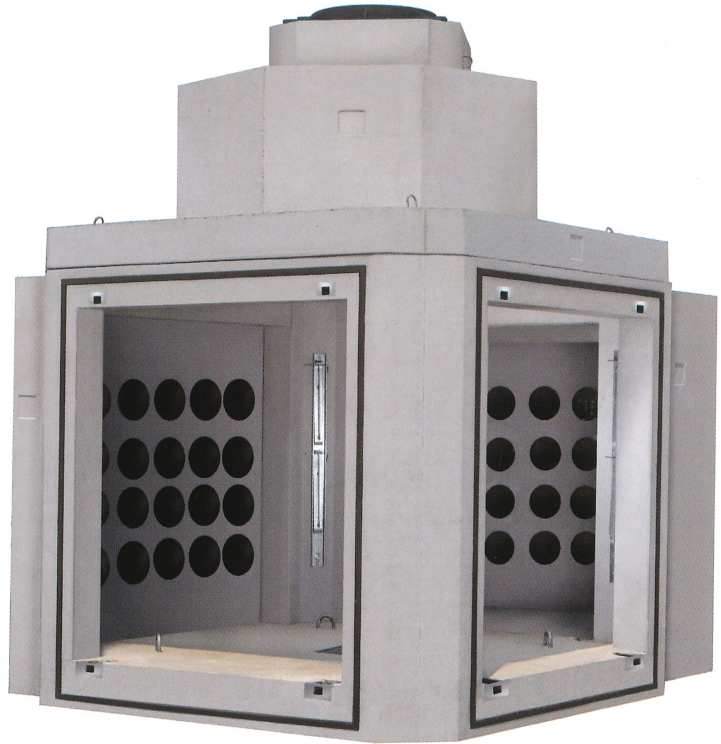


**STEP 3 :**  
Begin to plant the manhole unit. Align and adjust manhole unit during planting as well as ensure the correct direction of incoming and outgoing cable connection.



**STEP 4 :**  
Cabling works can commence instantly once manhole unit is correctly placed.

## SEGMENTAL MANHOLE ( FOR TNB )



### 33KvA

Type/ Section	Section(s)					
	Type "A"	Type "B"	Type "D"	Type "E"	Type "F"	Type "G"

Type/ Section	Section(s)					
	Type "H"	Type "I"	Type "L"	Type "M"	Type "N"	Type "O"

\* Drawing available upon request

It is our policy to continuously review and improve product and their design.

Information in this leaflet is therefore subject to change without notice.

All precast manhole units shall be designed and manufactured in accordance with the requirements of BS 8110.

## STREET LIGHTING FOOTING

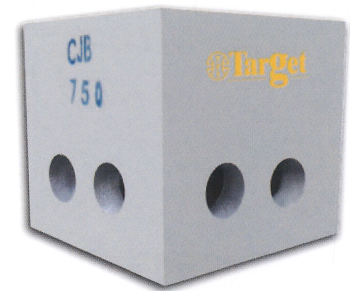
- A) 450mm x 450mm x 1200mm
- B) 500mm x 500mm x 1200mm
- C) 600mm x 600mm x 1500mm



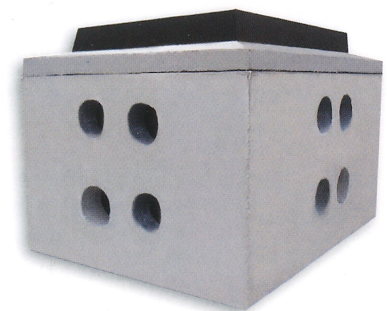
Dimension :	External (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)			
A	450	450	1200	600	Please Consult Factory	
B	500	500	1200	750		
C	600	600	1500	1350		

## ELECTRICAL MANHOLE

- A) CABLE JUNCTION BOX 400
- B) CABLE JUNCTION BOX 750
- C) CABLE JUNCTION BOX 800



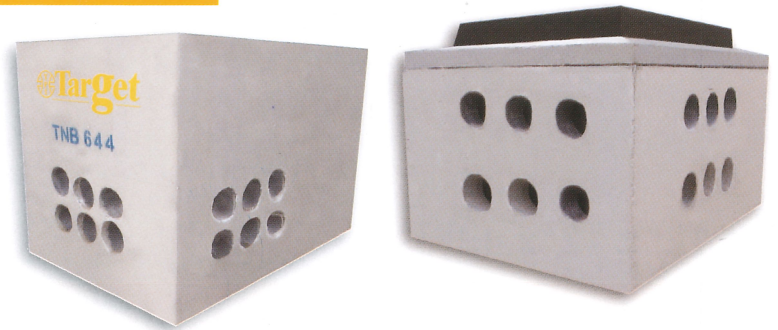
Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
A	400	400	750	250	250	600	220	2	2
B	750	750	750	600	600	600	420	4	4
C	800	800	750	740	740	740	760	4	4



## TNB 4' x 3' x 2'

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1400	1100	1050	1200	800	650	2000	6	6

## ELECTRICAL MANHOLE



NOTE : OPTION 1 CONCRETE SLAB  
 OPTION 2 CAST IRON COVER  
 OPTION 3 ELEKTRIK LOGO IRON ROUND COVER

### TNB 4' x 4' x 4'

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1530	1530	1620	1220	1220	1220	4700	6	6
Option 2	1530	1530	1695	1220	1220	1220	4700	6	6
Option 3	1530	1530	1720	1220	1220	1220	4700	6	6

### TNB 6' x 4' x 4'

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	2110	1530	1620	1790	1210	1220	5000	6	6
Option 2	2110	1530	1695	1790	1210	1220	5000	6	6
Option 3	2110	1530	1720	1790	1210	1220	5000	6	6

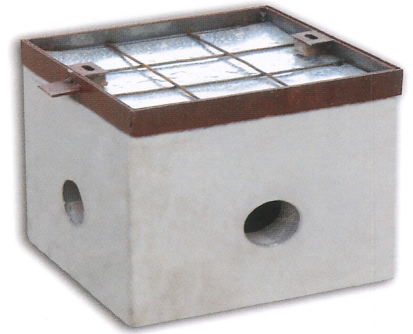
### TNB 6' x 6' x 4'

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	2110	2110	1620	1790	1790	1220	7900	6	6
Option 2	2110	2110	1695	1790	1790	1220	7900	6	6
Option 3	2110	2110	1720	1790	1790	1220	7900	6	6

### TNB 6' x 8' x 4'

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	2700	2110	1620	2400	1860	1200	10800	6	6
Option 2	2700	2110	1695	2400	1860	1200	10800	6	6
Option 3	2700	2110	1720	2400	1860	1200	10800	6	6

## TELEPHONE PIT



### Pit 12"x 12"x 12"

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	400	400	400	300	300	300	120	1	1



### Pit 18"x 18"x 18"

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	560	560	560	460	460	460	170	2	2



### Pit 18"x 30"x 18"

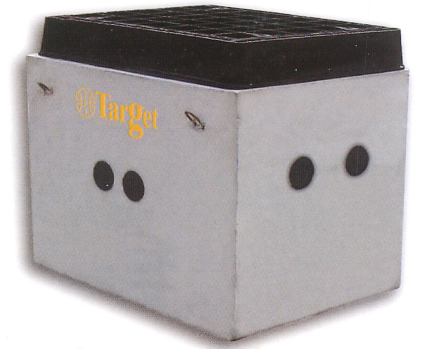
Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	860	560	560	710	410	450	230	2	2

## TELECOMMUNICATION HANDHOLE



### JB30 (LIGHT DUTY)

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	955	660	620	740	445	430	570	2	2



### JB30 (HEAVY DUTY)

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	950	950	850	740	740	650	1060	2	0



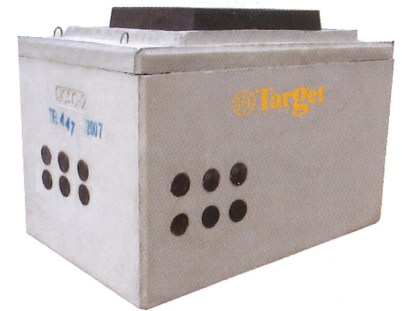
### JRC7

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1200	900	1050	910	610	700	1800	4	4

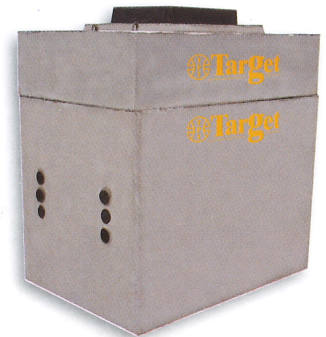
**TELECOMMUNICATION MANHOLE**

**JC9**

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1880	910	1325	1680	700	900	2650	4	4


**JC9C**

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	2070	1380	1510	1900	1200	1000	4200	6	6


**R1B**

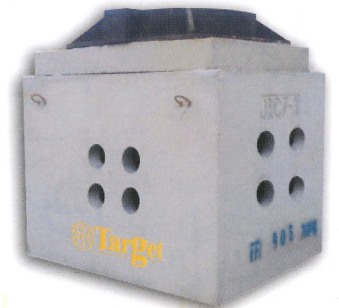
Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	2200	1600	2330	2000	1400	1800	7050	8	8

## TELECOMMUNICATION MANHOLE



### TTAB

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1230	1230	1540	1010	1010	1000	2500	4	4



### TTAP

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	1200	900	1170	910	610	700	1400	4	4



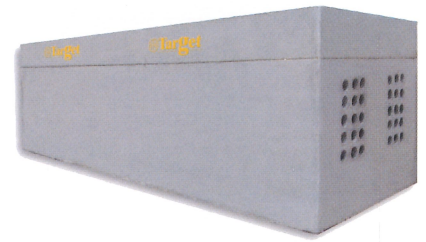
### R2A

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	3410	1610	2200	3060	1260	1800	13000	16	6

### R2A(MOD)

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	4000	1900	2440	3600	1500	1800	20000	16	8

## TELECOMMUNICATION MANHOLE



### R4

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	6480	1880	2400	6100	1500	1800	26800	30	30

### R4(MOD)

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	6480	2180	2400	6100	1800	1800	28700	30	30

### R12

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	6480	1880	2200	6100	1500	1800	30000	30	30

### R3

Dimension :	External (mm)			Internal (mm)			Approx Weight (kg)	Thro Pipes Entry at Each End	Spur Pipes Entry at Each End
	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)	Height (mm)			
Option 1	6480	1880	2200	6100	1500	1800	23500	30	30

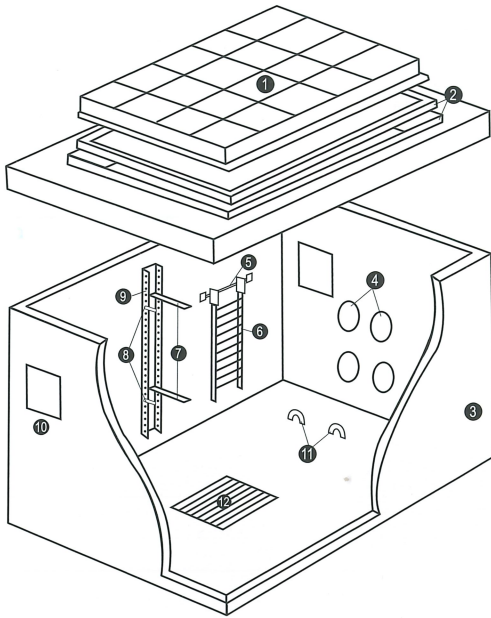
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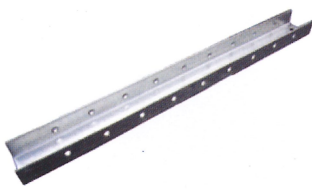
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## MANHOLE SECTIONS AND ACCESSORIES ILLUSTRATION



1. Iron Cover Top
2. Iron Cover Frame and Concrete Slab/Top
3. Concrete Invert
4. Duct Way
5. Handle
6. Ladder
7. Cable Bracket
8. Locking Pin
9. Bearer Channel
10. Manhole Information and Authenticity Identification Label
11. Anchor Iron Lifting Hook
12. Sump Hole c/w Mild Steel Grating

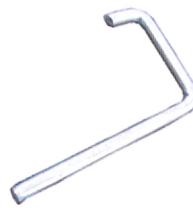
## MANHOLE ACCESSORIES



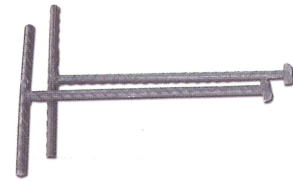
**Bearer Channel**



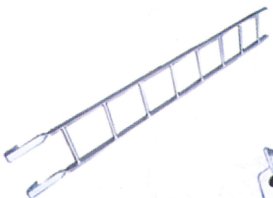
**Cable Bracket**



**Locking Pin**



**Medium Duty Manhole Key**



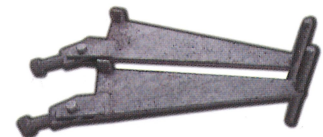
**Ladder**



**Handle**



**MS Grating**

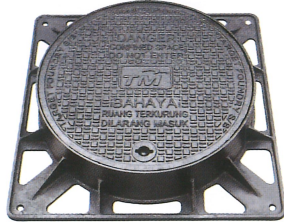


**Heavy Duty Manhole Key**

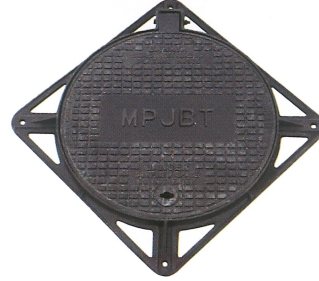
## MANHOLE COVER



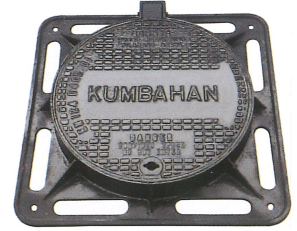
**MAXIS (MC3)**  
Square Iron Cover



**Iron Round Cover With Logo**  
Maxis / TIME / DiGi / TM



**“MPJBT”**  
(Round)



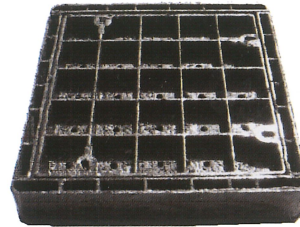
**KUMBAHAN**



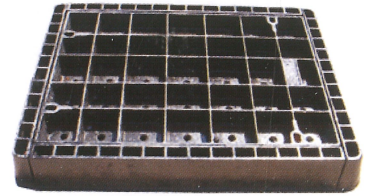
**3E (Square)**



**7E (Rectangular)**



**3E (Square)**



**7E (Rectangular)**

## PIPING MATERIAL



**HDPE Corrugated**  
Sub-Duct Pipe



**HDPE**  
Corrugated Pipe



**G.I Pipe**



**HDPE Smooth Pipes**



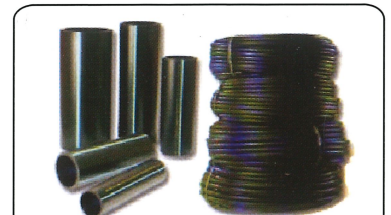
**UPVC Telekom Pipe**



**UPVC Pressure Pipe**



**PIPE CONNECTORS**



**HDPE & POLY PIPE**



# Target

**Distributor :**

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

## **Target Group of Companies**

**Target Precast Industries Sdn. Bhd.** (258751-X)

**Target Sales & Marketing Sdn. Bhd.** (504868-P)

### **Head Office:**

No. 18, Jalan LP 2A/2, Taman Lestari Perdana, 43300 Seri Kembangan, Selangor Darul Ehsan Tel : 03 8944 1388 (Hunting Line) Fax: 03 8941 7288

### **Factory :**

Lot 1894, Jalan KPB 5, Kawasan Perindustrian Balakong, 43300 Seri Kembangan, Selangor Darul Ehsan Tel: 03 8961 1684 Fax: 03 8961 9457  
Email Address: enquiry@targetprecast.com



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