

SCON

SCON

📍 **Southern Concrete Industries Sdn. Bhd.** (1059324-W)

Sales Office: 166-01, Jalan Adda 7, Taman Adda, 81100 Johor Bahru, Johor.

Factory: Lot 1264, Mukim Senai, Jalan Seelong, 81400 Senai, Johor.

📞 Tel: +607-355 1011, +607-355 1811 ▪ Fax: +607-355 3611

🌐 www.scon.com.my

✉ Enquiry@scon.com.my



Specialised in Precast Concrete Products



SCON

Southern Concrete Industries Sdn. Bhd.

SCON SCON PRECAST CONCRETE PIPE

SCON Concrete Pipes are manufactured by using the vibration to vibrate concrete and hydraulic compaction to form close tolerance joint profiles.

SCON Pipes manufactured accordance with Malaysia Standard MS 881. Part 3: 1991, and British Standard BS 5911-1982.

SCON Vertical Concrete Pipes can be categorized into three (3) ranges namely:

- Vihi Pipes (Unreinforce Pipes)
 - The diameter range from 150mm to 600mm
- Rebated Joint Pipe (RJ)
 - The diameter range from 300mm to 1800mm
 - Class X, Y, Z and Z Plus conforms to AS / NZS 4058:2007
 - Class L, M, H and H Plus conforms to MS 881:1991

SCON QUALITY ASSURANCE

- Incoming raw materials are inspected and tested in accordance to the relevant BS or MS Standard.
- Load tests are also carried out on specified batches of pipes.

SCON SCON PRECAST CONCRETE PIPE

VIHY PIPES (VP)

Nominal Diameter	Nominal Length, L	Pipes		
		ID	OD	Wall Thickness
mm	mm	mm	mm	mm
150	750	150	210	30
225	750	225	285	30
300	1520	300	400	50
375	1520	375	475	50
450	1520	450	570	60

The company reserves the right to alter specifications without notice

REBATED JOINT PIPES (RJ / OGEE)

Nominal Diameter	Nominal Length, L	Dimension		
		ID	OD	Wall Thickness
mm	mm	mm	mm	mm
300	1520	300	400	50
375	1520	375	475	50
450	1520	450	570	60
600	1520	600	740	70
750	1520	750	900	75
900	1520	900	1080	90
1050	1520	1050	1240	95
1200	1520	1200	1400	100
1350	1520	1350	1600	100
1500	1520	1500	1720	110
1650	1520	1650	1870	110
1800	1520	1800	2050	125

The company reserves the right to alter specifications without notice



SCON SCON PRECAST RC - U-DRAIN

SCON U-Drain available in Standard Sizes

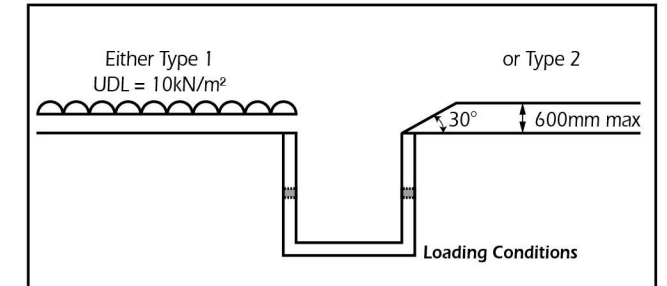
- Standard Sizes:
 - 600mm (W) x 600mm (H) to 1800mm (W) x 1800mm (H)

SCON DESIGN CRITERIA

SCON Standard designed in accordance with BS8110 : 1997 and based on the following types of loading condition:

Type 1 : UDL of 10kN/m² behind the wall
Type 2 : Surcharge of 600mm at the back of the wall (see figure)

- Minimum cover Standard = 25mm
- Concrete grade shall be 30N/mm² to 40N/mm²
- Bulk density of soil backfill to be 19kN/m³
- Angle of internal friction of soil back fill to be 30°



Special Loading Types & Special Sizes of Product can be produced upon request.

SCON SCON PRECAST RC - U-DRAIN - STANDARD SIZE

Nominal Size		Dimensions					
a	b	A	H ¹	H ²	C	D	tb
300	300	430	365	430	65	140	65
450	450	580	515	580	65	140	65
600	300	730	365	430	65	450	65
	450		515	580			
	600		665	730			
750	300	910	380	460	80	450	80
	450		530	610			
	600		680	760			
	750		830	910			
900	300	1090	395	475	95	450	95
	450		545	625			
	600		695	790			
	750		845	940			
	900		995	1090			
1200	600	1420	710	935	225	1075	110
	750		860	1085			
	900		1010	1235			
	1050		1160	1385			
	1200		1310	1535			
1500	600	1730	715	940	225	1075	115
	750		865	1090			
	900		1015	1240			
	1050		1165	1390			
	1200		1315	1540			
	1350		1465	1690			
	1500		1615	1840			
1800	600	2030	715	940	225	1075	115
	750		865	1090			
	900		1015	1240			
	1050		1165	1390			
	1200		1315	1540			
	1350		1465	1690			
	1500		1615	1840			
	1650		1765	1990			
	1800		1915	2140			

The company reserves the right to alter specifications without notice

