



Rubber Dowel Cap

LT RUBBER MANUFACTURING SDN BHD

Introduction

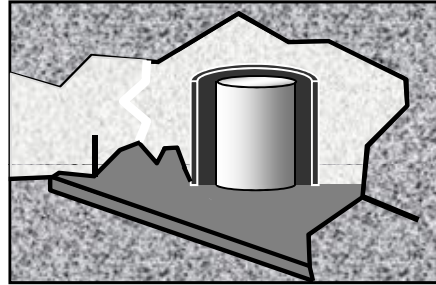


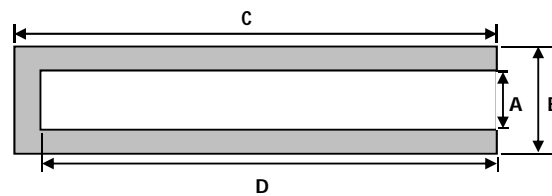
Figure 1 LTR Rubber Dowel Cap

Function

- LTR Dowel Caps accommodate the tilting movements of dowel bars and provide a cushioned location to horizontal movements.
- LTR Dowel Caps prevent spalling of concrete and reduce stress concentrations around dowel bars.

Dimension

LTR Dowel Caps is suitable for a range of dowel bar sizes and made of natural rubber base compound. Refer below table for standard size available. Custom made size is also available upon request.



Dimension		
A (mm)	B (mm)	D (mm)
25	50	300
25	50	350
25	50	400
28	50	300
28	50	350
28	50	400
32	50	300
32	50	350
32	50	400
35	50	300
35	50	350
35	50	400
42	50	300
42	50	350
42	50	400



Rubber Dowel Cap

LT RUBBER MANUFACTURING SDN BHD

Material

LTR Rubber Dowel Caps are moulded in natural rubber as standard, with a hardness of 60 IRHD and is specifically formulated to meet the requirements of BS1154 and BS5400. A neoprene compound satisfying BS2752 is also available upon request.

Elastomer

Property	Standard	Specified Value	
Natural rubber (NR)	BS1154	NR	
		Z60	
Chloroprene rubber (CR)	BS2752		CR
			C60
Hardness (IRHD)	BS903:Part A26 (method N)	60	60
Tensile Strength, (N/mm ²)	BS903:Part A2	Min15.5	Min13.0
Elongation at break (%)	BS903:Part A2	Min 400	Min 250
Compression set (%)	BS903:Part A6	(24 hours at 70°C)	
		Max 30	Max 25
Ageing resistance change in hardness (IRHD) change in tensile strength (%) change in elongation at break (%)	BS903:Part A19	(7 days at 70°C)	
		Max +10	Max +7
		Max -15	Max -12
		Max -20	Max -20
Ozone resistance	BS903:Part A43	(25pphm/20% strain 96 hrs at 30°C) No cracks	