



PAVERS AND BLOCKS MANUFACTURERS ASSOCIATION

[Regd. Under Section 8 of Companies Act, 2013], CIN No. U74999MH2018NPL308583

IS 5820: 1970 SPECIFICATION FOR PRECAST CONCRETE CABLE COVERS

Key Information

CLASSIFICATION

Class	Description of Cable Cover	Conditions Where Normally Used
EHV	Reinforced precast concrete, with peak	For underground power cables of voltage rating 22kV and 33kV
HVP	Unreinforced precast concrete, with peak	For power cables of voltage rating above 1.1 kV excluding 22 kV and above
HV	Unreinforced precast concrete, flat	For power cables up to and including 1.1 kV
LV	Unreinforced precast concrete, flat	

DIMENSIONS & MINIMUM AVERAGE BREAKING LOAD

#	Class	Type No.	Shape	Dimensions mm				Min. Avg. Breaking Load for Unreinforced Covers kg
				L	W	T	T' (Peak)	
1	EHV	1	With peak	450	230	50	75	450
		2	With peak	600	230	50	75	750
2	HVP	1	With peak	300	180	40	65	300
		2	With peak	450	180	40	65	350
3	HV	1	Flat	300	180	40	-	300
		2	Flat	450	180	40	-	350
4	LV	1	Flat	250	150	40	-	200
		2	Flat	300	180	40	-	200
		3	Flat	450	180	40	-	200

TOLERANCES

Length & Width: +/- 3mm
Thickness: +/- 2mm.

SAMPLING

12 Samples at random for every consignment of 2,000 cable covers or less, and a further 12 samples for every further 12,000 cable covers or part of 12,000 covers.

(For further details please refer to the Standard)



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