

Evaluation index	Levels	Rockfall radius r/cm	Movement height H/m	Cushions thickness h/cm	Particle size d/mm
COR of collision between rockfall and cushion	k_{x1}	0.285	0.271	0.325	0.270
	k_{x2}	0.288	0.287	0.296	0.285
	k_{x3}	0.298	0.305	0.281	0.301
	k_{x4}	0.299	0.306	0.267	0.313
	R_y	0.014	0.035	0.058	0.043
Damage depth of cushion L	k_{x1}	0.97	0.78	0.76	1.75
	k_{x2}	1.12	0.99	1.26	1.35
	k_{x3}	1.33	1.38	1.40	0.94
	k_{x4}	1.44	1.72	1.44	0.81
	R_y	0.47	0.94	0.68	0.94