

coverage

packages in repository  
(except "base" system) R 18000  
effective mean daily rate  
(after "base" system is emerged) D 600

parallel running images	N	1	6	9
"base" system needs to be emerged	day			
"	1	0.0%	0.0%	0.0%
"	2	0.0%	0.0%	0.0%
"	3	3.3%	18.4%	26.3%
	4	6.7%	33.9%	46.3%
	5	10.0%	46.9%	61.3%
	6	13.3%	57.6%	72.4%
	7	16.7%	66.5%	80.6%
	8	20.0%	73.8%	86.6%
	9	23.3%	79.7%	90.8%
	10	26.7%	84.4%	93.9%
	11	30.0%	88.2%	96.0%
	12	33.3%	91.2%	97.4%
	13	36.7%	93.5%	98.4%
	14	40.0%	95.3%	99.0%
	15	43.3%	96.7%	99.4%
	16	46.7%	97.7%	99.7%

$$\text{coverage} = 1 - (1 - (\text{day} - 2) * D / R)^N$$

