

# Amiata (substrato geologico > 30 m)



0.1 - 0.5 s

Vs30 (m/s)   f0(Hz)	<1	1.5	2.5	3.5	4.5	5.5	6.5	7.5	≥ 8	75° perc.
<200	1.3	1.7								1.6
300	1.5	1.6	2.1	2.6	2.4	2.2	2.1	2.4	2.6	1.9
500	1.3	1.6	2.0	2.1	2.0	1.9	2.4	2.2	2.1	2.0
700			2.1	1.8	1.7	1.6			1.9	1.8
≥800										

0.5 - 1 s

Vs30 (m/s)   f0(Hz)	<1	1.5	2.5	3.5	4.5	5.5	6.5	7.5	≥ 8	75° perc.
<200	1.5	2.6								2.5
300	1.8	2.5	2.2	2.0	2.5	2.8	2.3	1.9	2.3	2.3
500	1.5	2.3	1.8	1.5	1.4	1.2	1.9	1.9	1.5	1.7
700			1.7	1.4	1.2	1.2			1.2	1.4
≥800										

Popolosità celle

Vs30 (m/s)   f0(Hz)	<1	1.5	2.5	3.5	4.5	5.5	6.5	7.5	≥ 8
<200	7	14							
300	267	883	551	133	28	24	34	10	30
500	131	132	370	294	95	15	15	14	243
700			7	42	21	7			7
≥800									

Classi

frequenza (Hz)	f0<1	
	1.5	1≤f0<2
	2.5	2≤f0<3
	3.5	3≤f0<4
	4.5	4≤f0<5
	5.5	5≤f0<6
	6.5	6≤f0<7
	7.5	7≤f0<8
velocità (m/s)	≥ 8	
	Vs<200	
	300	200≤Vs<400
	500	400≤Vs<600
	700	600≤Vs<800
	Vs≥800	