

Toscana appenninica (substrato geologico ≤ 30 m)

Valore di a_g (TR=475 anni) $< 0.15g$



0.1 - 0.5 s

VsH (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	2.1	2.2	2.2	2.0	1.9	1.8	1.5	1.8
300		1.3	1.9	2.1	1.9	1.8	1.8	1.7	1.5	1.9
500		1.3	1.7	1.9	1.8	1.7	1.6	1.5	1.4	1.6
700		1.3			1.3	1.5	1.6	1.6	1.4	1.5
≥ 800									1.3	1.3

0.5 - 1 s

VsH (m/s) f0(Hz)	<1	1.5	2.5	3.5	4.5	5.5	6.5	7.5	≥ 8	75° perc.
<200		2.3	1.9	1.7	1.4	1.1	1.1	1.1	1.0	1.5
300		2.3	1.9	1.6	1.3	1.2	1.1	1.1	1.1	1.6
500		2.2	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.2
700		2.3			1.1	1.1	1.1	1.1	1.0	1.1
≥ 800									1.0	1.0

Popolosità celle

VsH (m/s) f0(Hz)	<1	1.5	2.5	3.5	4.5	5.5	6.5	7.5	≥ 8
<200		27	37	22	27	20	25	24	126
300		67	597	654	285	212	109	103	465
500		6	12	173	394	250	161	143	856
700		7			2	40	43	10	164
≥ 800									35

Classi

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