



**TYPICAL LEACHING OF RE-CON ZERO AGGREGATES  
ACCORDING TO ITALIAN STANDARDS FOR GROUNDWATER**

No.	Analysis item	Unit	Analysis result	Standard value Italian Decree 186/2006	Analysis method
1	Chloroethylene	mg/L	-	-	UNI EN 13657:2004
2	Tetrachloromethane	mg/L	-	-	
3	1,2- Dichloroethane	mg/L	< 0.003	< 0.003	
4	1,1- Dichloroethylene	mg/L	< 0.00005	< 0.00005	
5	Cis-1,2-Dichloroethylene	mg/L	< 0.060	< 0.060	
6	1,3-Dichloropropene	mg/L	-	-	
7	Dichloromethane	mg/L	-	-	
8	Tetrachloroethylene	mg/L	< 0.0011	< 0.0011	
9	1,1,1- Trichloroethane	mg/L	-	-	
10	1,1,2- Trichloroethane	mg/L	< 0.0002	< 0.0002	
11	Trichloroethane	mg/L	-	-	
12	Benzene	mg/L	< 0.001	< 0.001	
13	Cadmium and its compounds	mg/L	< 0.0005	< 0.0005	
14	Hexavalent chromium compounds	mg/L	0.018	0.005	
15	Cyanide compounds	mg/L	< 0.005	< 0.005	
16	Mercury and its compounds	mg/L	< 0.001	< 0.001	
17	Alkylmercury compounds	mg/L	-	-	
18	Selenium and its compounds	mg/L	< 0.001	< 0.001	
19	Lead and its compounds	mg/L	< 0.001	< 0.001	
20	Arsenic and its compounds	mg/L	< 0.0005	< 0.0005	
21	Fluorine and its compounds	mg/L	0.262	1.5	
22	Boron and its compounds	mg/L	< 1	< 1	
23	Simazine	mg/L	-	-	
24	Thiobencarb	mg/L	-	-	
25	Thiuram	mg/L	-	-	
26	Chlorinated Biphenyl (PCB)	mg/L	< 0.00001	< 0.00001	
27	Organic phosphorus compounds	mg/L	-	-	
28	1,4- Dioxane	mg/L	-	-	

The values reported represent the best of our knowledge.

Parameters not indicated are not included in the Italian Decree 186/2006 for groundwater.

Reported values can change according the type of cement.

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MAPEI S.p.A.

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