

22/05/2023

STATEMENT

Subject: VOLTEX GB500 - barrier against VOC vapours

Project: WIE19453-Rochdale Road

To whom it may concern,

CETCO active waterproofing membrane VOLTEX GB500 have been designed for protecting reinforced concrete structures against water migration and as a barrier to ground gases such as methane, carbon dioxide and radon, plus volatile organic compounds (VOCs) listed below:

		contaminant vapor conc	Avg. Solvent Diffusion Rate		Area	Membrane Final	Calculated Diffusion Coefficient
Material	Test Conditions	(ug/m3)	(ug/day)	Days tested	(m2)	Thickness (m)	(m2/s)
GB500 membrane attached to the VOLTEX GB500	Benzene @ 450 mg/l	4.50E+08	1.022	731	1.82E-02	5.30E-04	7.66E-16
GB500 membrane attached to the VOLTEX GB500	TCE @ 524mg/l	5.24E+08	3.567	731	1.82E-02	5.10E-04	2.21E-15
GB500 membrane attached to the VOLTEX GB500	PCE @ 120 mg/l	1.20E+08	0.089	731	1.82E-02	5.10E-04	2.41E-16

For further information please contact with CETCO Technical Department or Field Services Unit.



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