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We consider the exterior derivative operator defined on 1-forms on topologically one dimensional spaces with a strongly local regular Dirichlet form. One can show that the exterior derivative operator taking 1-forms into 2-forms is not closable if the martingale dimension is larger than one. Perhaps some of the most interesting examples include the non self-similar Sierpinski carpets introduced by Mackay, Tyson and Wildrick, and in the talk we will concentrate on them. For some of these carpets we prove that not only the curl operator is not closable, but that its adjoint operator has a trivial domain. (Received January 27, 2016)