

Project Overview

OPW products work together across a site in earthquake prone Messkirch, Germany to provide the client with a solution that would meet German approval whilst limiting disruption and damage from earthquakes, this consisted of Fibrelite tank chambers and KPS piping.



Fibrelite tank sumps and KPS piping provide a complete secure system

Problem

Restrictions for underground rigid steel and GRP piping systems in earthquake prone areas meant that the replacement had to have flexible components to prevent the products breaking and become damaged when an earthquake occurs. In Germany, approval of the construction material and type of construction is required. The products had to be certified by the 'Deutsches Institut für Bautechnik' (DIBt) who grant national technical approval.



KPS semi flexible pipe system is unaffected by earth movements

Solution

KPS piping was installed and connected to Fibrelite tank chambers as the KPS semi flexible pipe system is unaffected against earth movements, whilst meeting the approval of the DIBt making it the perfect solution providing a flexible long-term secure system.



OPW provided a complete sealed system for ENI Germany

Results

OPW supplied ENI Germany with a long lasting underground system capable of withstanding earth movements whilst meeting the German construction approval.

For more information on the OPW product range please contact us:

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