

CheckMate® Valves Provide Peace of Mind

Providing drains to prevent flooding of low-lying areas or behind structures can sometimes be problematic when the outlets are prone to being submerged. And the non-return valves installed to prevent backflow often bring onerous maintenance issues. The CheckMate® valve developed by Tideflex has a long-standing track record as an inline check valve that overcomes the challenges posed by traditional valves.



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Flood Prevention

One application was the drainage of ballast stone for the seafront railway line in Dawlish, Devon. The railway follows the coastline with a retaining wall positioning the train tracks and the pedestrian walkway at the level of the roads and housing. Keeping the tracks free of ponding water was an important design consideration. Weep holes located within the precast retaining wall provide constant draining of the backfill, but the outlets are submerged during high tides. CheckMate® valves were chosen for the weep holes, allowing the ballast stone to drain while preventing seawater from entering



and flooding the tracks.

Built to last

The CheckMate® valve's tough 100% fabric and elastomer construction eliminates corrosion problems that can occur in tough environments like salt water. The CheckMate® unibody construction ensures there are

no mechanical components to catch debris, corrode or fail. Additionally, their easy handling and installation means no special equipment is necessary. With an anticipated maintenance-free life of 25+ years, the CheckMate® valve is the ideal TOTEX asset to prevent flooding of vulnerable areas.

For further information on CheckMate® and Tideflex valves:

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