

UltraScape Helps Revitalise Historic Castle Square



UltraScape's fully compliant BS 7533 mortar paving system has been used on a £2.5 million scheme to redevelop the historic square of Castle Green, Taunton.

SITE: CASTLE GREEN, TAUNTON

MATERIALS USED: BS 7533 SYSTEM

The redevelopment has transformed the neglected centrepiece into a valuable civic space for events and markets whilst also showing off the town's Mediaeval Castle.

The work included the removal of a car park, to create new public open space and a pedestrian foot bridge to access the Castle gardens.

Over 2200m² of West Pennine Gritstone was installed by specialist civil engineering contractor, Britannia Construction, using UltraScape's BS 7533 compliant Pro-Bed HS fine bedding concrete, Flowpoint rapid setting grout and Pro-Prime slurry primer.

The old asphalt surface was removed and replaced with natural stone paving blocks. Shrubs and flowers were planted and turf was laid. The most spectacular feature is a glass-sided bridge that floats across the Castle's grass moat. In-built lighting, coupled with floodlights at the museum, make it a magical sight at night.

UltraScape's Pro-Bed HS provided a perfect bound base for the paving blocks. It can be laid up to 75mm in one pass, with greater depths achievable using successive layers. To promote bond, the supporting layer and setts were primed using UltraScape's



Pro-Prime which ensures full and even contact will be made with the aggregate particles as well as promoting adhesion to greater than 2N/mm² as per the requirements of BS 7533.

UltraScape's Flowpoint grout was the ideal choice as its rapid setting properties enable areas to be open to foot traffic in just 1 hour, keeping downtime and disruption to a minimum. Simple to use, requiring only the addition of water on site, it is poured over the area and washed clean, filling all joints evenly, without staining. This slurry method provides an easy method of grouting large areas, quickly.

The site is now a fitting setting for the historic buildings which surround the green and the improvements have made the area more accessible and prominent to the local population and visitors.