

Case study

Paths for heroes from Ronacrete and Prestec

RonaDeck Resin Bound Surfacing system has been laid to the paved areas surrounding Tedworth House in Tidworth, Wiltshire. The paths were laid as part of a £17m project to transform the Grade 2 listed house into a Personnel Recovery and Assessment Centre (PRAC) for injured service personnel.

After consultation with Ronacrete's technical team, Architects BWA chose RonaDeck Resin Bound Surfacing for its natural appearance, permeability and suitability for wheelchairs. RonaDeck Resin Bound Surfacing provides a strong, durable pavement, which is particularly suitable for wheelchair 'traffic' as wheels will not sink and get caught as they do in loose gravel paths. The porosity of the system makes it SuDS compliant, allowing water to drain to the base and ensuring that paths are free from standing water.

Golden Harvest was selected from the RonaDeck range of natural aggregate blends, each formulated for strength and appearance. The golden shade will not change over time because the elastic polyurethane resin does not degrade when exposed to Ultra Violet light.

FeRFA contractors Prestec mixed the two-part pu resin with a drill and paddle before it was added to the kiln-dried aggregate blend in the high capacity forced action mixer. The mixed material was then discharged onto the macadam substrate, spread to level and trowel finished at a thickness of 15mm. After completion the paving was ready for foot traffic within 4 hours.

The forces charity Help for Heroes took over the historic building, which had previously housed an officers' mess, in February 2011. The first group of personnel began using the centre in July 2011 and it should be operating to full capacity by September 2012. By completion date there will be 32 state of the art bedrooms, a cardiovascular wing, a climbing wall, tennis and hockey facilities, a Café and ... resin bound paving.

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