

CASE STUDY

Cool customer



The Vue Doncaster – with roof-mounted plant hidden behind the parapet of its façade.

Project: Vue Cinema Doncaster

Client: Vue Entertainment

Architect: DG Architects Ltd

Main contractors: Key Property Solutions

Roofing contractors: AROOFA Ltd

Liquid waterproofing system: Hydrostop AH-25

When a Vue Cinema on the outskirts of Doncaster needed a section of the asphalt flat roof refurbished as part of extension and maintenance works, a zero odour solution was required that would allow the building to stay open to the public throughout installation.

The 750m² roof, located in the centre of the cinema above a stair and lift core and projection rooms, was covered with a lot of mounted plant, equipment and trunking, making it too disruptive and noisy to take up and replace the existing asphalt. A liquid cold-applied waterproofing product was considered ideal to avoid the need for complex edge detailing associated with single ply or bitumen products around the plant.

With the cinema screens in operation a few feet away there was also potential for fumes to enter the building through air conditioning intakes on the roof. As these units could not be shut down, it was vital to both the client and project that a solvent and fume free solution was used in the course of the refurbishment.

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With these concerns in mind, specification manager Cameron MacAndrew, from SIG Design & Technology chose to recommend Hydrostop AH-25, a wet-on-wet cold applied liquid waterproofing system that contains no solvents or isocyanates, with a very low VOC content.

‘Hydrostop AH-25 emits no fumes and no odour, which meant the cinema could continue business as usual for the week,’ said MacAndrew; ‘Installers like AH-25 because it goes down wet on wet in a single pass install.’

For the installation process, the roof was first cleaned. Then a base coat of AH-25 was applied, into which a 110gsm layer of polyester reinforcing fleece was embedded, whereupon it was immediately saturated with a second coat of liquid. AH-25 is totally impervious to standing water, and as it is a single component liquid, it does not require a catalyst to be mixed into the product before use. The product comes with a 25-year guarantee which can only be offered by SIG’s DATAC accredited installers.

SIG Design & Technology has recently added a range of warm roof systems to include Cut-To-Falls, flat board, recovery board for overlays and one for specialist acoustic applications. Fully tested, these warm roofs have achieved a fire rating of BROOF(t4).

Installing warm roofs with the Hydrostop AH25 Liquid Roofing System is now even quicker and easier!

The Hydrostop AH-25 liquid roofing system is now even quicker to install. The system can be applied directly to the face of the specified insulation board and only requires the application of a 100mm wide self-adhesive jointing tape to the joints of the



The refurbished roof of the Doncaster Vue – all the interfaces competently dealt with using Hydrostop AH-25

insulation, rather than having to apply an entire bitumen carrier membrane over the insulation as some other liquid systems do.

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More information

- Visit the Hydrostop AH-25 product pages: <http://www.singleply.co.uk/flat-roofs/hydrostop-eu-ah-25/>
- Learn more about the 8 steps to the #PerfectRoof: <http://www.singleply.co.uk/perfectroof/>
- To find out more about Hydrostop AH-25 call SIG Design & Technology on 01509 505714 or visit www.singleply.co.uk