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TO: The Editor

OWENS CORNING UPGRADE THEIR VISION SYSTEM

Owens Corning Veil (UK) Ltd, based in Liversedge, West Yorkshire, are upgrading their systems to enable fibreglass production at a higher speed.

The upgrade will incorporate enhanced vision inspection systems from Shelton Vision Systems Ltd who installed their original WebSpector® digital imaging inspection machine in 2002.

The WebSpector® imaging machine allows Owens to check for good dispersion in the fibreglass in its substrate. Faults can be subtle and sporadic but appear along the entire length of the roll. Detection at an early stage ensures they are not passed onto further processes, which avoids waste and ensures quality control of the fibreglass products. In addition, end users of the fibreglass products such as producers of floor tiles, baths, car headliners, battery separators and gypsum boards have a higher confidence of a quality product.

Subirkumar Chandra, Manufacturing and Six Sigma Engineer at Owens said, “ The flexible software has allowed us to upgrade the system to run at 220 M/min. I have found the software user friendly and can see the fault tracking and statistics generator will be useful to us. In the future the data it can provide will be used for the six sigma projects”.

Mark Shelton, Managing Director, of Shelton said, "Our design vision for the Shelton range of vision inspection machines is, vision inspection systems that can be upgraded using a flexible software architecture, off the shelf hardware and a modular visioning system". Mark continued, " We have achieved this and are able to offer fault detection for colour variation and surface defects".

Shelton's flexible platform enables companies to dimension their vision inspection system to suit their needs. Shelton uses powerful off the shelf server grade PC technology that can be enhanced, upgraded or replaced easily and cost effectively. The software architecture allows clients to enhance their systems as their needs grow.

For further information please call Mark Shelton on 0116 275 3421 or email mark@sheltonmachines.co.uk

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