

FIRE-BREAKING NEWS

ANGLIAN AND ENVIROGRAF® PRODUCTS FOR PASSIVE FIRE PREVENTION

WHAT A MILL! STOTFOLD MILL BACK TO THE GRIND!



Water mills are considered by some to be a relic of the past but, for many, the beauty and nostalgia of this bygone industry is well worth preserving. **Stotfold Water Mill** on the River Ivel, eight miles from Stevenage, Hertfordshire, is 1000 years old and a **Grade 2 Listed** working mill which, after a devastating fire in 1992, has just been completely rebuilt and restored by a team of volunteers and specialist mill craftsmen from **Stotfold Mill Preservation Trust**. After all of the restoration and conservation work has been completed, the mill will open its doors to the public and will also be available for events and conferences.

SURVEYING AND TECHNICAL SUPERVISION

To protect the property against a potential repeat of the disastrous 1992 fire, which virtually gutted the mill, the Stotfold Mill Preservation Trust decided that passive fire containment work should be supervised by **Jenny Hull** of technical fire consultancy **Anglian Intumescents Ltd of Sandy, Bedfordshire**. Jenny was engaged to survey the mill and then to carry out passive fire protection work as selected by the Stotfold Mill Preservation Trust.

IMPLEMENTING SELECTED PROTECTION

Jenny has many years of implementing effective passive fire protection in historic properties, for organisations such as the **National Trust** and **English Heritage**. Her dedicated team, who are all members of the **Nationwide Association of Passive Fire Installers and Specifiers (NAPFIS)**, have implemented certain fire-stopping measures selected by the Stotfold Mill Preservation Trust to ensure that the fabric of this delightful building is offered fire protection.

BRITISH AND EUROPEAN STANDARDS

The elements requiring protection included wooden beams on three floors of the mill, so the team decided to tackle this by utilising **Envirograf® Product 42 (HW02)** water-based clear intumescent fire protection coating system for many of the exposed wooden beams. The HW coating system can be applied by brush or spray and it offers up to 60 minutes of fire protection as well as a superb finish. **HW02 coating has attained category B/S1/d0 of European Standard EN13501 Parts EN13823 (2002) single burn test (SBI) and EN11925-2 (2002) ignitability test. The coating has also been tested for 60 minutes on load-bearing floors (Chiltern test certificate IF98078).**



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