

# NTN 024

## Use of Timber in Conjunction with Nullifire Intumescent Coatings

**Nullifire**  
Smart Protection

### Statement

The use of timber noggins/joists appears to be increasing in use when application of intumescent coatings is specified.

Where our Nullifire coatings has the installation of timber directly against, dependent on size and frequency the intumescent properties of our coatings may be effected.

Where timber directly covers, the coating will not correctly intumesce at these points.

It should be noted that this does mean that the fire rating is adversely effected as all types of timber have what is known as a "char" rating (the rate at which they lose volume over a period of time). This information can be obtained from the Timber research and development association.

We do not have any specific test evidence due to the number of different timbers and thickness's of such timbers, though can provide guidance with more information.

Where timber and intumescent coatings are used together an independent qualified fire engineer would be recommended to consult and provide full fire design liability.

When our products are applied in strict accordance with our application instructions and to the relevant loadings obtained from our published data for any particular steel section size or fire rating requirement, we can confirm that the product will perform accordingly.

### Technical Service

Nullifire has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Technical Services on 01942 251400.