

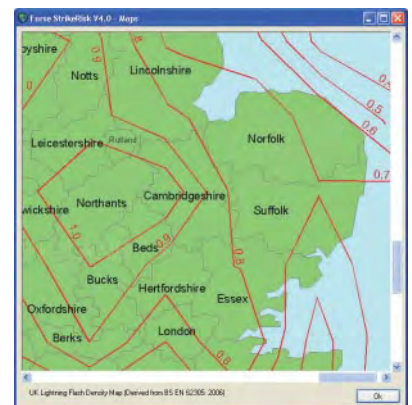
StrikeRisk v4.0 – BS EN 62305-2 Risk Management Software

You are probably aware of the new British Standard BS EN 62305:2006 for lightning protection that was published in September 2006. And you may be one of many, concerned about the complexity of calculations involved in identifying risk, in addition to what types of protection measures are now required.

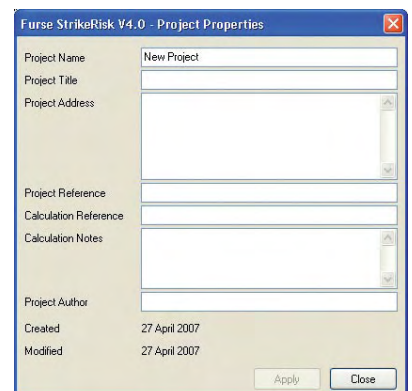
Our new risk software – StrikeRisk v4.0 – is an invaluable and effective tool for all those of you involved in working out risk to BS EN 62305 part 2. The purpose of our software is to enable you to carry out the complex, laborious calculations necessary for the implementation of parts 3 and 4 of the BS EN 62305 guidelines, with as much ease as possible. Results can be achieved in minutes rather than the hours or days that it would take to do the calculations by hand.

Features and benefits

- Carry out and view multiple Cases (risk assessments) under the banner of a single project
- Build new projects from previously saved Cases
- Create multiple Template files for standard Cases
- Split the structure under consideration into multiple zones in order to pinpoint high risk areas
- Consider multiple cables connecting to the structure
- Consider multiple remotely connected structures
- Quick and easy colour coded identification of risk factors requiring attention
- Full detailed reporting/exporting facility
- Detailed online help



Easily accessible Lightning activity maps



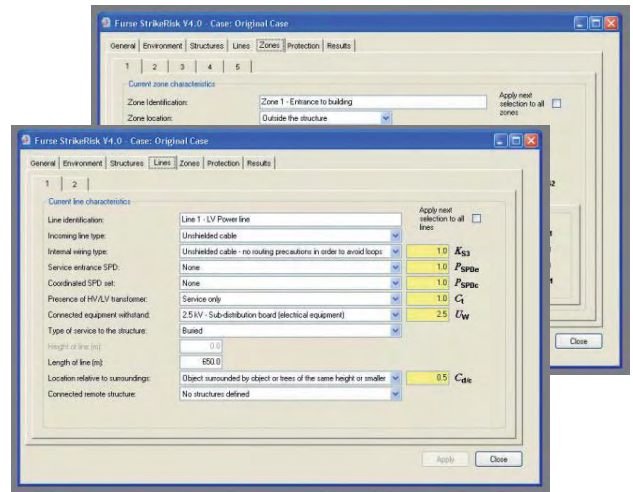
Easy entry of project related details

Intuitive interface

With our software, you will be able to assess the risk of loss due to lightning strikes and transient overvoltages caused by lightning.

Intuitive in design and using simple navigation tabs, you will be led through the process of defining the structures, lines, zones and protection measures that form each Case.

The ultimate aim of StrikeRisk is to automatically produce the results of your BS EN 62305-2 Risk Management calculations in full or summary formats that can be passed to your customers or easily incorporated within the documentation of an engineering project.



Making StrikeRisk v4.0 work for you!

The heart of each StrikeRisk Project is in the production of Cases, each Case being a separate risk assessment in its own right. Once a Case has been defined, a series of calculations is carried out using relevant formulae to determine one or more of the four primary risks (R_x) for the Structure under review. These primary risks are:

- R_1 Loss of human life
- R_2 Loss of service to the public
- R_3 Loss of cultural heritage
- R_4 Loss of economic value

Each calculated risk is then compared to its corresponding tolerable value (R_T). If the result shows $R_x \leq R_T$ then the Structure is adequately protected for a particular type of loss.

Summary of calculated risks	Tolerable Risk R_T	Calculated Risk R_x
Risk of loss of human life:	1 E-05 R_1	0.333 E-05 =
Risk of loss of service to the public:	1 E-04 R_2	0.671 E-04 =
Risk of loss of cultural heritage:	1 E-04 R_3	0.000 E-04 =
Risk of loss of economic value:	R_4	0.000 E00 =

If the result shows $R_x > R_T$ then the Structure is not adequately protected for the type of loss, therefore protection measures need to be applied.

Summary of calculated risks	Tolerable Risk R_T	Calculated Risk R_x
Risk of loss of human life:	1 E-05 R_1	3.806 E-05 =
Risk of loss of service to the public:	1 E-04 R_2	12.039 E-04 =
Risk of loss of cultural heritage:	1 E-04 R_3	0.000 E-04 =
Risk of loss of economic value:	R_4	0.000 E00 =

These protection measures are determined from relevant tables given in BS EN 62305-2 (typically tables NB2 and NB3). These can be set within each Case. You can then simply use the software to test and apply a variety of protection measure solutions to reduce the risk of R_x below that of R_T .

System requirements

Before installing StrikeRisk v4.0 make sure your PC meets the following minimum requirements. You need...

Software

- Windows 2000, Windows XP (complete with latest service packs/security updates)
- Microsoft Internet Explorer 6.0

Hardware

- Pentium III PC (500MHz or higher recommended)
- 256 MB RAM (500 MB recommended)
- 200 MB available disk space
- USB port
- Super VGA (1024 x 768) or higher-resolution video adapter and monitor



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Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)1245 600560

Fax: +44 (0)1245 600030

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.