



**Figure 1** Flowchart showing hierarchy of folders and files in the database to be read in conjunction with Table 1 which describes the content of each excel file.

File name	Contents
Aggregate properties.xls	Values of conductivity, thermal expansion, specific heat, strength, moisture content and density at various temperatures for various aggregates.
Concrete properties.xls	Values of conductivity, thermal expansion, specific heat, strength, moisture content and density at various temperatures for various concretes.
Cement properties.xls	Values of conductivity, thermal expansion, specific heat, strength, moisture content and density at various temperatures for cement.
References.xls	List of literature referenced by this project.
Spalling data.xls	Guidance on spalling in literature, record of spalling in past fire tests etc.
Upper and lower bound.xls	Results of Work Package 3 showing the temperature on the unexposed face of the wall for the upper and lower bound case.
Sensitivity studies.xls	Results of Work Package 4 showing the sensitivities of the temperature on the unexposed face of the wall to each variable affecting heat transfer.
Temperature gradients.xls	Results of Work Package 4 showing the sensitivities of the gradient through the wall to each variable affecting heat transfer.
Temperature-time curves.xls	Results of Work Package 4 showing the sensitivities of the temperature time curves at various depths in the wall to each variable affecting heat transfer.
Results Fire A.xls	Heat transfer results in the form of temperature-time curves at various depths through the walls for Fire A.
Result Fire B.xls	Heat transfer results in the form of temperature-time curves at various depths through the site specific wall for Fire B.
Results Fire C.xls	Heat transfer results in the form of temperature-time curves at various depths through the walls for Fire C.

**Table 1** The content of each excel file listed in Figure 1