

## Demonstration of real fire tests in car parks and high buildings

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### Demonstration of real fire tests in car parks and high buildings

**From** 1998-07-01 **to** 2001-06-30

#### Project details

<b>Total cost:</b> EUR 734 400	<b>Topic(s):</b> <a href="#">F6 - Steel structures</a>
<b>EU contribution:</b> EUR 367 200	<b>Funding scheme:</b> CSC - Cost-sharing contracts
<b>Coordinated in:</b> France	

#### Objective

Researches have demonstrated that in case of fire in car parks or in high buildings it is generally not necessary to insulate the steel section (beams and/or columns) to obtain a satisfactory level of safety. In order to fully convince authorities that this kind of buildings need not to be subjected to any large duration fire resistance requirements, real fires, in really unprotected steel buildings, will be carried out. These fires will be performed in three different configurations: a large high compartment with a local fire; an open car parks with a fire scenario involving several cars; a closed car park with an adequate fire scenario. For each of these demonstration fires, a preliminary test is planned in order to fully check the relevant parameters before inviting observers to the second test.

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