









EVAINING II - ADAQUO/ SALIK							
 For ABAQUS model using 3D elements, the criterion is not fulfilled for 2 results: the failure time and the displacement corresponding to 60 minutes of ISO fire. 							
	ABAQUS		Reference value X	Calculated value X'	Deviation [%]	Limit [%]	
	Failure	time	92	87	-5.43	± 5	
	Displ.	30 min	4.40	4.56	+3.52		
	[mm]	60 min	5.50 <	7.82	+42.16		
• It may be observed that, as in case of SAFIR, the failure time is lower than the							
reference time. However, the displacement corresponding to 60 minutes is much higher than the reference value (in these conditions, the results given by ABAQUS							
are consistent: the model offers lower failure time, together with higher							
displacements, in comparison with the reference values).							
	SAFI	R	Reference	Calculated	Deviation	Limit	
	Ditt 1	<u> </u>	value	value	[%]	[%]	
	Failure	time	92 >	88	-4.35	± 5	
	Displ.	30 min	4.40 <	4.44	+0.82		
	[]	60 min	5.50 >	5.04	-8.18		



