

Commissioning and inspection

These checks should be carried out on a routine basis to be determined based on risk assessment.

RISK ASSESSMENT GUIDANCE

Low energy movement of the doorset is generally not protected with additional protective devices because the kinetic energy levels are not considered to be hazardous. However, use of low energy doorset movement should only be considered when the risk assessment has taken account of elderly, frail and disabled users and indicates that the risk to these users is low.

The result of the final verification and operational tests should be recorded in a log book. The log book shall refer to applicable instruction for use and shall have space available to record:

1. All maintenance and repairs carried out, including recommendations (Improvements, replacements etc)
2. All significant changes or upgrading carried out
3. Any work undertaken to the doorset
4. Name, date, signature of designated responsible person
5. Include copies of the 'Check Details' table below, filled out at periods defined in the risk assessment

INSPECTION RECORD		Name	Signed	Date / /
	✓ or ✗	Initials		✓ or ✗ Initials
Risk assessment carried out within the last 12 months.	<input type="checkbox"/>	<input type="text"/>	Test door closing time (see Table F.2 Min Time for 90% Travel Distance).	<input type="checkbox"/> <input type="text"/>
Check door and pocket condition ensuring no sharp edges* or other hazards. Check all essential components are fitted and in serviceable condition. <small>*If flush handles are fitted then the doors stop should be set so the handle remains out of the pocket when open to mitigate risk of injury.</small>	<input type="checkbox"/>	<input type="text"/>	Test auto reverse function works when the door contacts an obstruction.	<input type="checkbox"/> <input type="text"/>
Isolate the power to the doorset and check to ensure manual operation is achievable.	<input type="checkbox"/>	<input type="text"/>	If auto close is enabled ensure users are aware of this function.	<input type="checkbox"/> <input type="text"/>
Restore power and check door cycles twice whilst initiating, led lamp should remain green when finished.	<input type="checkbox"/>	<input type="text"/>	If switches are present, check condition and function.	<input type="checkbox"/> <input type="text"/>
			If additional sensors have been fitted following risk assessment check condition and function.	<input type="checkbox"/> <input type="text"/>

Table F.2 - Minimum Travelling Time per Doorset vs. Mass of Door Leaf

Mass of Door Leaf (Kilogram)	80kg	70kg	60kg	50kg	40kg	30kg	20kg	10kg	90% Travel Distance Per Leaf (Meters)
Max. Travelling Speed (Meters/Sec)	0.21mps	0.22mps	0.24mps	0.26mps	0.29mps	0.34mps	0.41mps	0.58mps	
Min. Travelling Time (Seconds)	3.5s 3.9s 4.4s 4.9s 5.4s	B.s 3.7s A.s 4.6s A.s	3.0s 3.4s 3.8s C.s 4.7s	2.7s A.s 3.5s 3.9s C.s	2.5s 2.8s A.s 3.5s 3.8s	A.s 2.4s 2.7s 3.0s C.s	1.8s 2.0s B.s 2.5s 2.7s	C.s 1.4s 1.6s 1.8s 1.9s	0.7m 0.8m 0.9m 1.0m A.m