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# INTERNATIONAL FIRE CONSULTANTS

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## Assessment of Ryobi concealed overhead door closers

### SUMMARY

Assessed by: P E Jackman International Fire Consultants  
Date of Assessment: August 1995  
Assessment prepared on behalf of: Ryobi Ltd  
Assessment No.: 95066 Revision A

### CONCLUSIONS

In our opinion a doorset complying with the limitations of Section 4.5 which has been shown by test to BS476: Part 22: 1987 to be capable of achieving 30 (or 60) minutes fire resistance, would also achieve 30 (or 60) minutes fire resistance if fitted with one of the Ryobi concealed overhead door closers summarised in the table below:

FD30 Doorsets	FD60 Doorsets
CO-52, CO-152	COU-52, COU-152
COU-52, COU-152	COU-53, COU-153
COU-53, COU-153	COU-52H, COU-53H
COU-52H, COU-53H	
Minimum leaf thickness 45 mm	Minimum leaf thickness 54 mm
8 mm hardwood lipping across head	10 mm hardwood lipping across head
Softwood or hardwood frame, minimum size 95 x 45 mm, minimum density 450 kg/m <sup>3</sup>	Hardwood frame, minimum size 95 x 45 mm, minimum density 650 kg/m <sup>3</sup>
Minimum intumescent seals in head. 20 x 4 mm PVC encased graphite type fitted in leaf	Minimum intumescent seals in head. 38 x 4 mm PVC encased graphite type fitted in leaf

**Power size 2 closer:**  
Maximum leaf width 826 mm  
Maximum leaf weight 45 kg.

**Power Size 3 closer:**  
Maximum leaf width 926 mm  
Maximum leaf weight 60 kg.

Prepared by:



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Checked by:



Peter E Jackman MIFS., AIWSc.

**Note:** The full assessment should be made available by Ryobi on request.

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Assess/95066 Rev A

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