

SAMUEL HEATH

Declaration of Performance



1. Product name:	Perko Powermatic
2. Product serial number:	R100
3. Legislation with which product complies:	Construction Products Regulations
4. Intended use or uses of the construction product, in accordance with the applicable technical specification, as foreseen by the manufacturer:	For use on fire and smoke compartmentation doors
5. Declaration:	Samuel Heaths & Sons PLC hereby accepts full responsibility for the R100's compliance with the Construction Products
6. Company name & address:	Samuel Heath and Sons PLC, Leopold Street, Birmingham, B12 0UJ
7. Approved body:	EOR - 1121 performed the type testing and issued test reports.
8. Standard(s) against which product assessed:	BS 1154
9. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:	System 1

10. Declared Performance			
	Essential characteristics	Performance	Harmonised technical specification
	Self closing		
5.2.1	General		
5.2.2	Durability	500,000 Test Cycles	BS1154:1996:A1:2002
5.2.3	Closing Movement	Pass Size 3	BS1154:1996:A1:2002
5.2.4	Opening Movement	Pass Size 1	BS1154:1996:A1:2002
5.2.5	Efficiency	55% min	BS1154:1996:A1:2002
5.2.6	Closing time	Pass	BS1154:1996:A1:2002
5.2.7	Angles of Operation	Grade 3, 105°	BS1154:1996:A1:2002
5.2.8	Overload Performance	Pass	BS1154:1996:A1:2002
5.2.9	Temperature Dependence	-15°C to +40°C	BS1154:1996:A1:2002
5.2.10	Fluid Leakage	Pass	BS1154:1996:A1:2002
5.2.11	Damage	Pass	BS1154:1996:A1:2002
5.2.18	Fire l smoke doors	Pass	
	Durability of Self Closing		
5.2.2	Durability	500,000 Test Cycles	BS1154:1996:A1:2002
5.2.17.1	Corrosion	Grade 3 (96 hours)	
5.2.17.2	Corrosion	Pass	
	Dangerous Substances	N/A	

Signed for and on behalf
of the manufacturer by:

Date: 1/1/2021

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