

Assessment of performance according to AVCP 3 for Garage Doors

RISE Research Institutes of Sweden has as Notified Body no. 0402 assessed the performance for the construction product, Garage doors. The assessment is performed according to the harmonized standard **EN 13241:2003+A2:2016 Industrial, commercial, garage doors and gates** – Product standard, performance characteristics. This report summarise the assessment and can be used as a part of the documentation required for drawing up a *Declaration of Performance* in accordance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR).

This report is a summary of those reports and includes also results from type tests performed by other Notified Bodies. The content of this report may be used as support for an Declaration of Performance in accordance with the CPR. It shall be noted that the client shall specify all the involved Notified Bodies and their numbers in the Declaration of Performance.

Product name and description

Garage door name/type	RES100EX, RES200, RES100 residential sectional overhead door
Max. weight of door	130 kg – max 295 kg, depending on components/system, see chapter 1.5 and 3
Day-light, maximum (with operator)	RES100EX width 5500 mm, height 3000 mm (max. door weight 130 kg) RES200 width 6000 mm, height 3000 mm (max. door weight 250 kg) RES100 width 5500 mm, height 3000 mm (max. door weight 165 kg)
Day-light, tested	Width 2500 - 6000 mm, height 2125 - 3000mm. Assessed height: 3500 mm for clauses 4.4.3, 4.4.6 and 4.4.2 from EN 13241:2003+A2:2016 (9P01288, 2019-03-04).
Type of panels (finger safe)	Epcó, Italpannelli, Kingspan, Niemetz, TecnoPan, Marcegaglia, Metecno.
Hardware	RES100EX, RES200, RES100 (HOME-X,F,R, DOCO) - Vertical track 43006. Horizontal track 43007 / 43008
Balancing system	RES100EX (HOME-X) Extension springs RES200 (HOME-F) Front balancing springs, torsion RES100 (HOME-R) Rear balancing springs, torsion
Spring break device	DOCO type SBD RESI 25650 and 25651, also see 1.5
Bottom rubber seal	See chapter 3
Machinery / Operator	See chapter 3
Bottom seal	See chapter 3

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