

TECHNICAL SPECIFICATIONS OF

FOLDER MODEL FOLD-UP TYPE HIGH SPEED PVC DOOR

GENERAL DESCRIPTION;


Fold-up type high speed PVC doors are made of PVC curtain, move upwards and downwards inside of side columns and is folded up by a number of belts which are wrapped around a rotating shaft thanks to a motor and gear system.

1. QUALITY AND CERTIFICATION;

- 1.1. The manufacturer should have ISO 9001 quality assurance certification.
- 1.2. The manufacturer should have TSE conformity certification for servicing facility.
- 1.3. The manufacturer should have After Sales Compatibility certification issued by the Ministry of Turkish Science and Technology.
- 1.4. The manufacturer should be the member of IDA (International Door Association).

2. TECHNICAL SPECIFICATIONS;

- 2.1. Side guides and upper mechanism should be made of 1,5 mm galvanized steel and its resistance should be increased with some bendings.
- 2.2. The upper mechanism which carries the weight of the door should be installed in a chassis.
- 2.3. Side columns' size should be 150x200 mm.
- 2.4. Rubber side seals should be used inside of side guides.
- 2.5. PVC curtain should be CE certificated with 0,7 mm thickness and 900 gr/m² density.
- 2.6. PVC curtain should have resistance to heat between -5°C ~ +70°C in applications with window and between -30°C ~ +70°C in applications without window.
- 2.7. PVC curtain should be reinforced with support bars.
- 2.8. The wind resistance value of the door should be '700 Pa (123km/h) up to 3 m door width', '600 Pa (113 km/h) from 3,01 m and up to 4 m door width', '500 Pa (103 km/h) from 4,01 m and up to 5 m door width', '450 Pa (99 km/h) from 5,01 m and up to 12 m door width'.
- 2.9. The shaft system should be 1, 2 or 3 pieces according to the size of the door and shafts should be connected to each other with a double line chain coupler.
- 2.10. Motor should be equipped with break and should allow to be opened manually as option.
- 2.11. Motor should have electromagnetic brake.
- 2.12. Control unit with LCD screen should be provided with the door. Open, close and stop operation should be done via control unit.
- 2.13. Motor working period should be adjustable and should have automatic closing feature.
- 2.14. Soft bottom profile of PVC curtain should be made of steel shaft that is hidden in PVC curtain.
- 2.15. The opening speed of doors should be between 0,5 and 1 m/sec. according to the size of the door. Optionally, the speed should be increasable up to 1,5 m/sec. by an inverter.
- 2.16. The upper and bottom stopping points of the doors should be adjusted by a mechanical or

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- 2.17. Optionally counter-weight systems should be applicable to allow the door to open manually in case of black out.
- 2.18. A manual opening lever which also cuts the electric connection in case of use should be supplied as standard.
- 2.19. Photocells should be inside of the side guides instead of front face in order to keep them safe against crashes.
- 2.20. One line of transparent window section should be provided as standard. The number of lines should be increasable optionally.
- 2.21. Product should be under manufacturer's warranty against material and workmanship.
- 2.22. Spare part supply should be provided by 10 years by manufacturer after the date of invoice.

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