

# INDUSTRIAL SECTIONAL DOORS

ประตูฉนวนสำหรับห้องเย็น



Consolidus and reliable panel structure

High quality PU sandwich panels are used for sectional door

With the most advanced PU injection technology, the density could reach 40 Kg/m<sup>3</sup>, so the panel performs excellent on insulation.

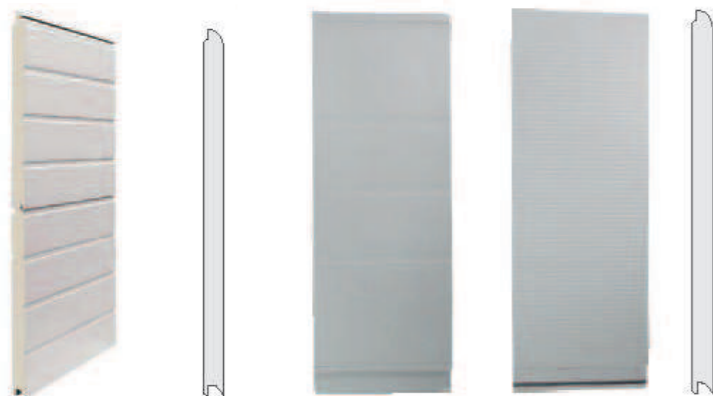
The high quality PPGI steel skin is with strong adhesive polyester coating, which could not only fix the PU in the middle, but also could prevent the corrosion from environment.

Tigers sectional door is an ideal solution for industrial, and residential garages. Sectional door possess increased endurance and could be fit for any room construction.

Special technologies are used to ensure long term stable operation with high intensity. The most advanced technologies are used in Tigers sectional doors, so that the sectional doors possess unique performance on reliability.

The maintenance of favourable temperature condition is a very important concern of industrial workshops and residential garages all the year round, and the weather sealing system around the opening provides thermal insulation and contribute to temperature conservation.

## Panel Types



## Technical Parameters



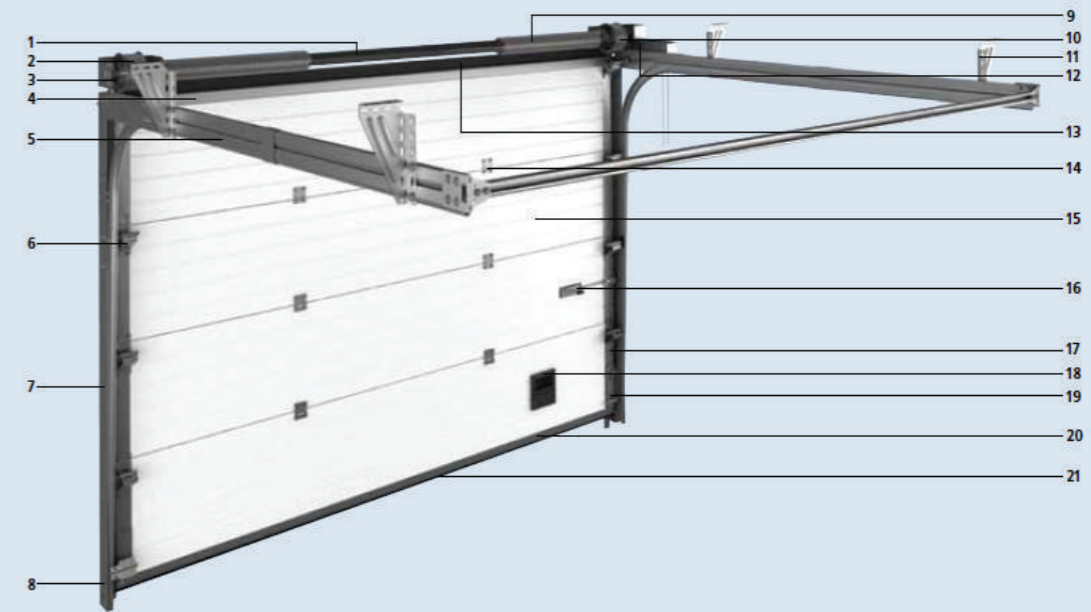
Heat conductivity	0.38 W/m <sup>2</sup> °C
Acoustic insulation	24dB
Wind load	Class 3*
Density	40=2Kg/m <sup>3</sup>

\*Following EN 13241-1

# INDUSTRIAL SECTIONAL DOORS

ประตูฉนวนสำหรับห้องเย็น

## SECTIONAL DOOR CONSTRUCTION

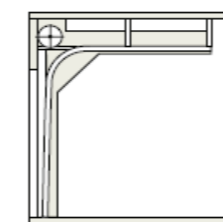


- |   |   |
|---|---|
| 1. Shaft (octagonal)                                  | 12. Shaft operator                                    |
| 2. Drums  | 13. Top seal  |
| 3. End U-shaped support bracket                       | 14. Hingers   |
| 4. Top profile  | 15. Door leaf made from sandwich panels               |
| 5. Tracks   | 16. Lock  |
| 6. Adjustable bracket with roller                     | 17. Side cover  |
| 7. Vertical angle                                     | 18. Handle  |
| 8. Bottom cover                                       | 19. Bottom bracket with cable break protection device |
| 9. Torsion mechanism with Quick Fix system            | 20. Bottom profile                                    |
| 10. Spring safety device                              | 21. Bottom seal                                       |
| 11. System for attaching horizontal tracks to ceiling |   |

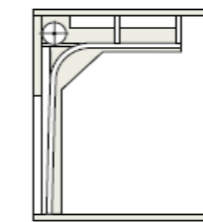
## TECHNICAL FEATURES

Average R-value	1.13 m <sup>2</sup> °C/W (GOST 31174-2003)
Heat conductivity	0.88 W/m <sup>2</sup> °C (DIN 4108)
Wind load	Class 2 (EN12424:2000)
Airtightness	Class 4 (EN12426:2000)
Watertightness	Class 3 (EN12425:2000)
Combustibility	G2 (GOST 30244-94)
Ignitability	V2 (GOST 30402-96)
Soundproofing	24 dB
Lift force up	Up to 40 kg
Door leaf weight	17 kg/m <sup>2</sup>

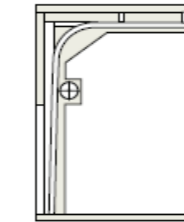
## LIFT TYPES (ชนิดการเปิด-ปิด)



Standard lift



High lift



High lift



Vertical lift



Vertical lift low drum