

**Clearway™**  
FLEXIBLE PVC SWING DOORS



## “CLEARWAY” SEE-THROUGH, FLEXIBLE SWING DOORS

PVC swing doors are “hands free”, impact operated doors. Their double action springs allow them to open from either side, swinging through a 180° arc and self returning to the centre line of the doorway, while the flexible PVC door leaves absorb the shock and noise of repeated impact without either suffering or inflicting damage. Translucent PVC leaves afford good two way vision, minimising the risk of collisions while maximising available light. They are especially useful in busy traffic situations where tight environmental control is required without impeding traffic flows.

### THE CLEARWAY ADVANTAGE

- **Hygienic construction:**
  - Silver anodised or powder coated aluminium stiles and head - **corrosion free.**
  - Top quality finish PVC panels – **easily cleaned, no-absorbent.**
- **Welded steel corner brackets –the strength of steel assembly to resist damage due to repeated impact.**
- **Choice of two types of flexible seal around jambs and head to avoid leakage:**
  - **PVC for food and wet wash areas.**
  - **Fibre brush for dry areas.**
- **PVC leaves reinforced at vulnerable points– reduces tearing of PVC and prolongs life.**
- **Unique tensioning system – exerts a constant tension on door leaves throughout the whole swinging arc.**
- **Head and side fixing – for maximum strength and flexibility of installation.**
- **Anti-fall stops – prevent doors falling in the event of a major collision.**
- **Environmentally safe – only PVC formulated to top quality European specifications and totally free of all carcinogenic plasticisers and additives used. Totally safe to recycle.**

**DOOR SIZES** – two models available:

#### Small:

#### Traffic:

#### Max Size:<sup>1</sup>

Pedestrians / pallet lifters

Single leaf – 2500H x 1250W

Double leaf – 2500H x 2500W

#### Large:

Fork lifts

3500H x 1500W

3500H x 3000W

PVC thickness: 5.0mm, & 7.0mm clear 6.5mm reinforced, 7.0mm textured black or 7.0mm textured clear

<sup>1</sup> To avoid putting undue stress on the PVC leaves, doorways should ideally be half as wide again as the traffic transiting them i.e. traffic should not take up more than 2/3 of the opening width.

### OPTIONS

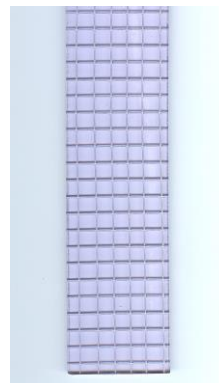
- ① **Traffic buffers** (satin finish) - reducing friction and preventing scouring of PVC.
- ② **Pallet / boot pads** (satin finish) - at base of door leaves, prolonging panel life.
- ③ **Textured Black** with clear vision panel for privacy
- ④ **Reinforced PVC** (nylon mesh) – for heavy duty traffic applications and/or partial vision block.
- ⑤ **Textured Black up to 1200mm high** with clear above for maximum light and vision.



① & ②



③



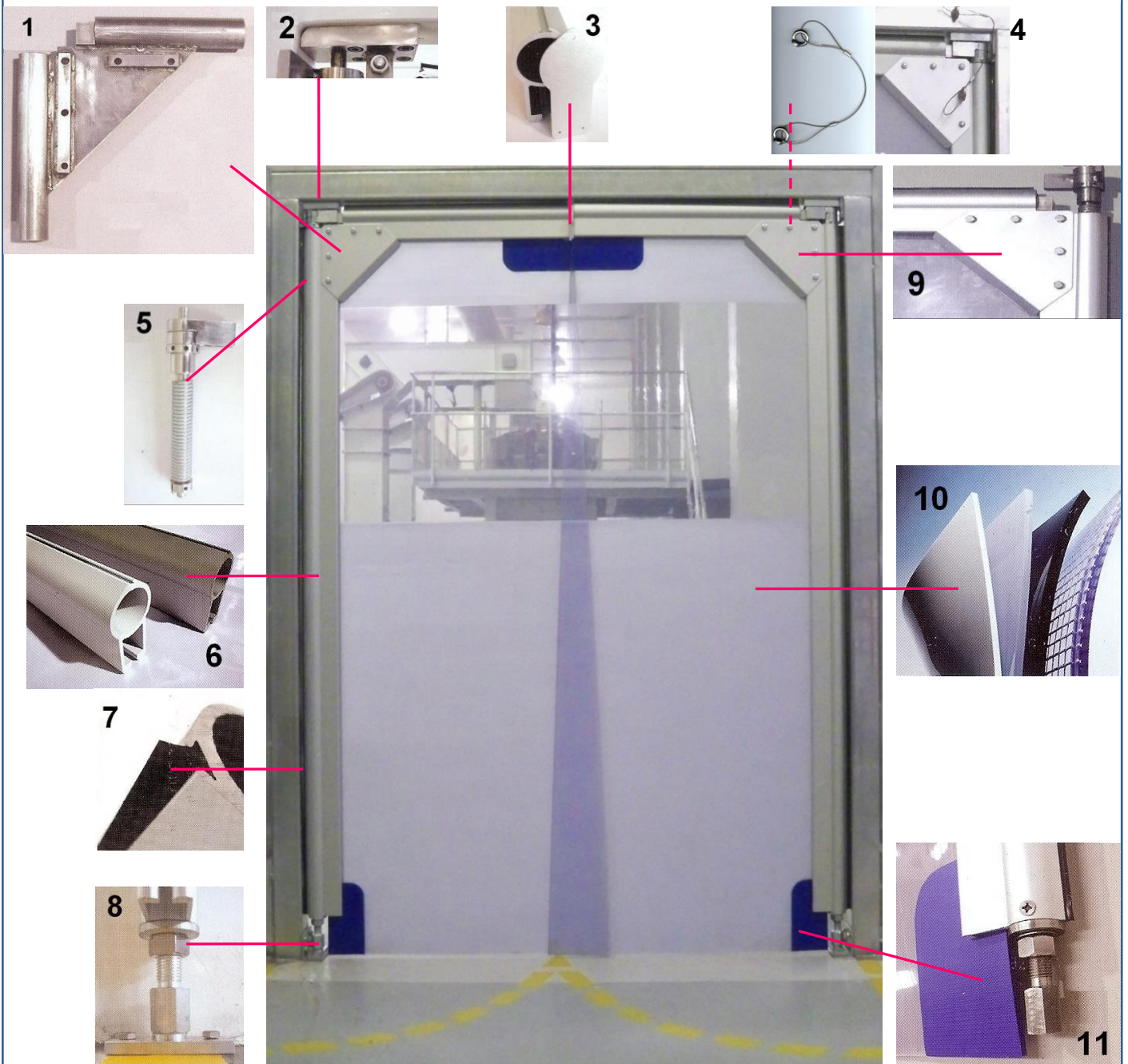
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## CONSTRUCTION BENEFITS OF THE “CLEARWAY” SWING DOOR



### KEY

1. High strength, welded steel corner assembly.
2. Top fixing plate – accommodates head and side fixing for maximum purchase.
3. Flush fitting end caps to close off head profile.
4. High strength steel cable fall restraint – prevents door falling in event of major collision.
5. Double acting, variable tension return spring housed in stile.
6. HD corrosion free extruded aluminium stile and head profiles – silver anodised or powder coated.
7. Seals around three sides – choice of fibre brush for dry areas or PVC for wet / hygiene areas.
8. Robust, heavy duty bottom jack with ball bearing pivot and generous adjustment. Accommodates floor and / or side fixing.
9. Corner cover plates for hygienic, aesthetic finish.
10. Choice of flexible PVC door leaves – 5.0 to 7.0mm, clear, textured or reinforced. No fasteners through PVC - leaves “float” in stile and head to accommodate temperature changes.
11. Laminated reinforced PVC patches to strengthen tear prone points.

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