

UNIVERSAL FULL BREAKOUT LEAVES

with integral or simple opening

The new full breakout automatic door has been developed to meet all market requirements in term of security in public resorts. It offers more flexibility and more comfort of use.



The full breakout leaves Portalp are universal and can be installed with all our operator types:

- Optimal safe operation
- New profile design
- Comply with safety regulations (CO48, EN16005)



FULL BREAKOUT LEAVES

Universal

In normal operation, the Full breakout door behaves like a traditional sliding automatic door.

In breakout operation, sliding and semi-fixed leaves swing on the side and provide largest possible opening.



FBO - Sliding door opening



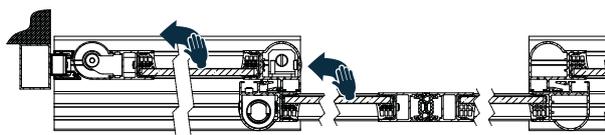
FBO – Breakout opening



Robust and securing door frames

- Door frames are made of aluminium G38 profiles. This range of profiles allows to install a mechanical key lock with European cylinder type or by handle.
- Frames of sliding and semi-fixed leaves have a new rounded design to give a soft and protective perception for the user.
- Sliding leaves swinging is made thanks to scissors profiles on the upper part. They allow a progressive and effortless movement on the whole closing and opening assembly. The clever assembling of these scissors profiles ensures excellent tightness under operator.

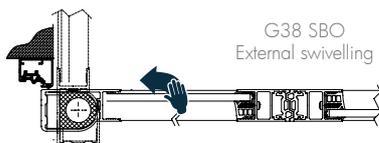
FULL BREAKOUT OPENING (FBO)



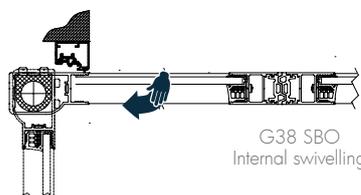
G38 FBO
Internal opening

SIMPLE BREAKOUT OPENING (SBO)

In the case of a simple breakout door (SBO), only the sliding leaves pivot manually for an opening based on the bay width.



G38 SBO
External swivelling



G38 SBO
Internal swivelling

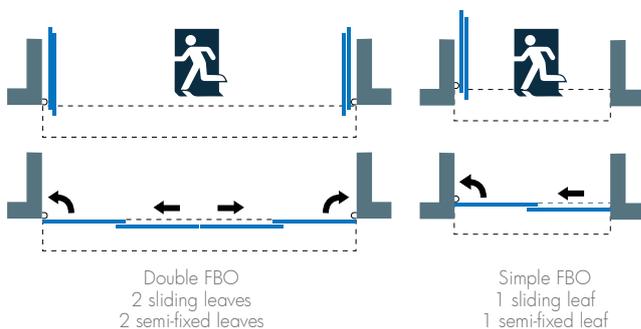


Scissors profiles
sliding leaves



Adjustment device
scissors profiles

In case of emergency, panic stricken people open the door completely by simply pushing sliding and semi-fixed leaves. The full breakout door can also be used as emergency door but also to have a largest possible opening when bulky objects must be moved out (cars, furniture...).



TYPICAL APPLICATIONS



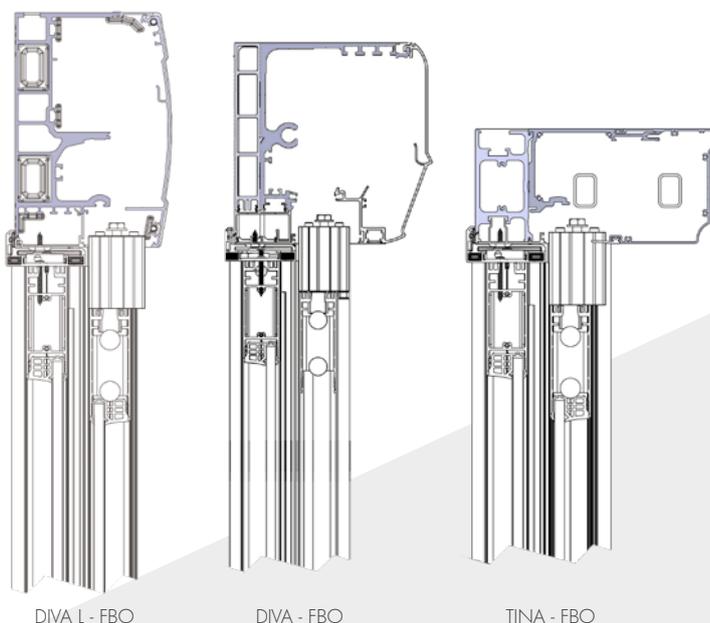
EMERGENCY EXITS



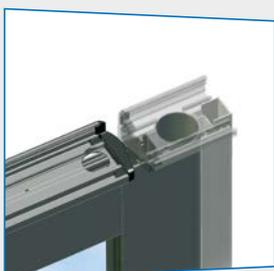
MANUAL BREAKOUT
OPENING



PASSAGE FOR BULKY
OBJECTS



- The semi-fixed leaf is fitted with a covering profile on the upper part. This profile ensures tightness with efficient joint against the beam. The lower part is equipped with a brush joint.
- In normal operation, stainless steel balls on springs locking themselves in position hold semi-fixed leaves (upper and lower part). This vertically adjustable device blocks leaves and allow them at the same time to be handled for easy opening and closing.
- Any breakout opening of leaves activates the door 'Manual' mode: Then leaves can be handled manually.



Profiles against finger
pinching



Low holding
semi-fixed leaf



Ball adjustment
+/- 8 mm



Covering profile
upper part

MECHANICAL*	DIVA	DIVA L	TINA	PORTALP RS
Installation	Surface Applied / Between walls	Surface Applied / Between walls	Surface Applied / Between walls with lintel	Surface Applied / Between walls with lintel
Structure	Aluminium	Aluminium	Aluminium	Aluminium
Reinforced casing (H x D)	200 x 175 mm	210 x 140 mm	102 x 212 mm	120 x 236 mm
Self-supporting casing up to	5 000 mm	5 000 mm	Surface applied only	Surface applied only
Min/max passage width				
- 1 leaf	750 / 1200 mm	750 / 1200 mm	750 / 1200 mm	750 / 1200 mm
- 2 leaves	900 / 2400 mm	900 / 2400 mm	900 / 2400 mm	900 / 2400 mm
Max. passage height	2 800 mm	2 800 mm	2 800 mm	2 800 mm

PERFORMANCE⁽¹⁾

Max. weight of leaves	1x100 kg	1x100 kg	1x100 kg	1x100 kg
	2x100 kg	2x85 kg	2x90 kg	2x100 kg

(1) Detail on operator performances : see Diva/Diva L/Tina/PORTALP RS documentation

EQUIPMENTS / OPTIONS

Mechanical breakout device in compliance with CO48, EN16005	●
Automatic detection door opening in breakout mode	●
Safety (IR barrier, curtain)	○
Electrical locking	○
Natural satin finishing, RAL lacquering	○
Qualicoat, Qualimarine, Special lacquering or coating (Stainless steel), Anodised colour*	○

(*) Special projects, please contact us

● Standard ○ Option



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Certified Management System