

Window protection ProtectFIX®



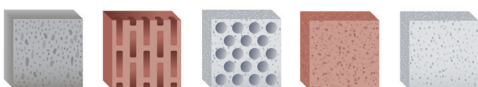
Advantages



- Tested window installation system for fall protection according to ETB guideline and tested according burglar resistance class RC2 (even for base materials with a compressive strength < 12, min. Poroton brick T8 or aerated concrete AAC2)
- First retrofittable system on the market
- Tested system with an edge distance of only 35 mm
- Only 3 mm material thickness ensures an easy installation with multifunctional sealing tapes
- Four different positioning options for more flexibility during the installation
- No pressure-resistant backfilling necessary
- To be used together with the frame plug MFR and the window frame screw FBS/FBSZ

Suitable building materials

Very suitable



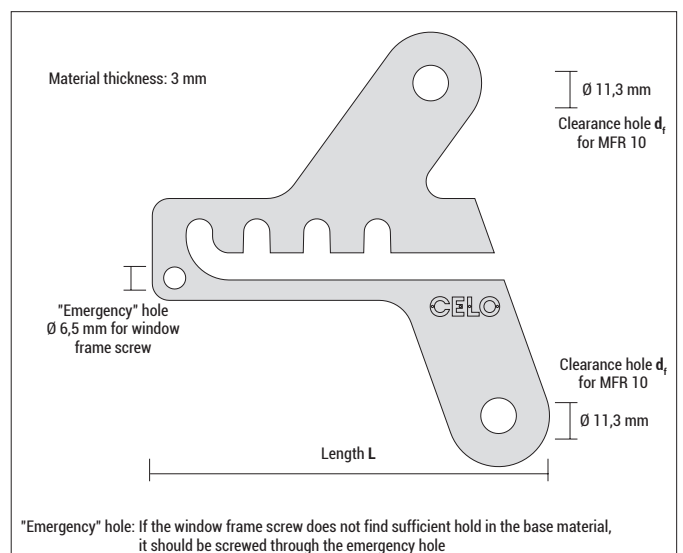
- Concrete
- Natural stone
- Solid brick
- Solid sand-lime brick
- Aerated concrete
- Hollow brick
- Hollow sand-lime brick

Approvals and certificates

- Test report according to DIN 18008-4 Cat.A
- Test report about burglary resistance class RC2



Mounting



Window protection ProtectFIX®

Mounting in hollow brick

1. Place the window in the wall opening, adjust and drill holes. (for hollow brick and aerated concrete without impact).
2. Fix the window with window frame screws FBS-Z (distance between the window frame screws max. 400 mm, edge distance to the outer wall \geq 35 mm)
3. Common window installation is finished.
4. Hang ProtectFIX® on the window frame screw FBS-Z from the inside or outside. Position the screw in one of the four grooves and align the ProtectFIX horizontally.
5. Drill holes with \varnothing 10 mm.
6. Secure ProtectFIX® with two CELO multifunction frame plugs MFR SB 10-80 TX in the base material. To do this, hammer-in the MFR lightly into the drill hole up to the sleeve of the plug.
7. After hammer-in, screw in the MFR screws flush onto the ProtectFIX®.
8. Installation with ProtectFIX® is finished and the fixing point is secured.

Note: ProtectFIX® can easily be used in combination with multifunctional sealing tapes, because the thickness of the ProtectFIX is only 3 mm

Example for installation

Window frame screw FBS-Z 7,5-152 or Window frame screw FBS-Z 7,5-212

Multifunction frame plug MFR SB 10-80 TX

Window protection ProtectFIX®



ProtectFIX®, zinc plated

Type	Art-No	Box contains	Length L [mm]	Material thickness [mm]	€ / 1 pc	[pcs]	[pcs]
PFIX, bulk	G117PF	100x ProtectFIX® window support metal bracket 117	117	3		100	-



6x ProtectFIX®
Window support metal bracket



12x MFR
6x FBS-Z

Set ProtectFIX®, zinc plated

Type	Art-No	Set contains (packed in bag)	Length L [mm]	Material thickness [mm]	€ / Set	[pcs]	[pcs]
PFIX, Set, FBSZ152	117PF152FBSZ6	6x ProtectFIX® Window support metal bracket 117 12x Multifunction frame plug MFR SB 10-80 TX 6x Window frame screw FBS-Z 7,5x152	117	3		1	10
PFIX, Set, FBSZ212*	117PF212FBSZ6	6x ProtectFIX® Window support metal bracket 117 12x Multifunction frame plug MFR SB 10-80 TX 6x Window frame screw FBS-Z 7,5x212	117	3		1	10

1. Set with FBS-Z 7,5x152: for base materials with a compressive strength ≥ 12, e.g. sand-lime brick, perforated bricks according DIN 1053-1 and concrete with a minimum strength class C10/15.

2. Set with FBS-Z 7,5x212: for base materials with a compressive strength < 12, min. perforated brick Poroton T8, aerated concrete AAC2.

* The window frame screw FBS-Z must penetrate min. 2 brick walls.