

Window protection *ProtectFIX*

Advantages – *ProtectFIX*

▶ Tested window installation system

a) for fall protection according to ETB guideline, even for high thermal insulation masonry, as

- perforated brick Poroton T8
- aerated concrete AAC2

b) according to **burglar resistance class RC2** in masonry outside DIN 1627

▶ Fast and easy installation

saves time and money.

▶ Material thickness of only 3 mm

Installation in combination with multifunctional sealing tapes easily possible.

▶ No pressure-resistant backfilling necessary

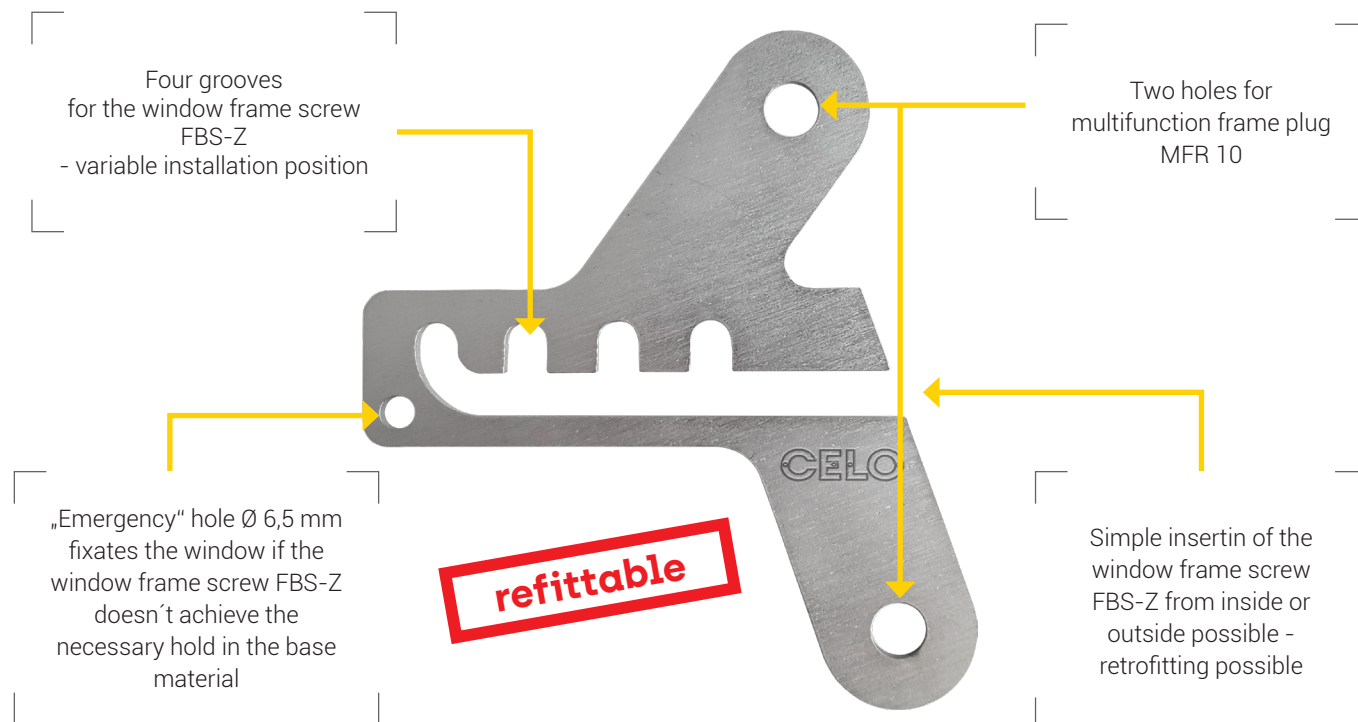
saves assembly efforts.

▶ Refittable

First refittable system on the market.

▶ Suitable for low edge distance

Tested for a low edge distance of the window frame screw to the outer wall of only 35 mm.

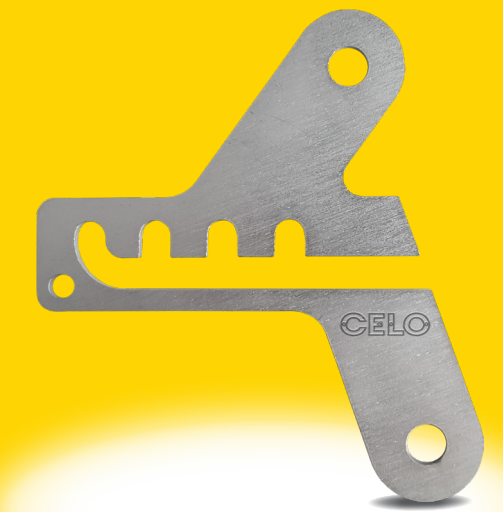


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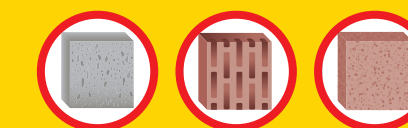
Window protection *ProtectFIX*



Presented by:

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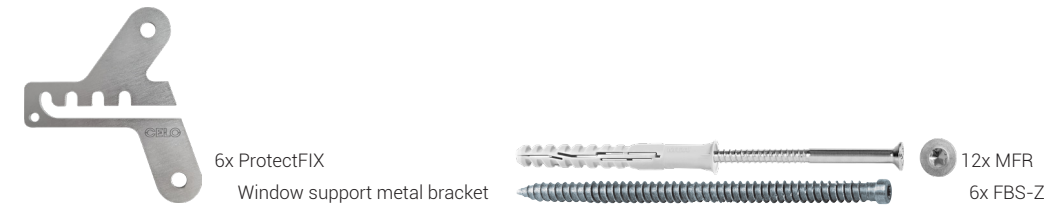
Window protection *ProtectFIX*

Profile – *ProtectFIX*

Suitable building materials				
Category	Window protection			
Assortment	Set 1: 6x <i>ProtectFIX</i> window support metal bracket 12x MFR SB 10-80 TX 6x FBS-Z 7,5x152		Set 2: 6x <i>ProtectFIX</i> window support metal bracket 12x MFR SB 10-80 TX 6x FBS-Z 7,5x212	
	for base materials with a compressive strength ≥ 12 e.g. sand-lime brick, perforated bricks according to DIN 1053-1 and concrete with a minimum strength class C10/15.		for base materials with a compressive strength < 12 (min. perforated brick Poroton T8 or aerated concrete AAC2)	
Approvals and certificates	✓ Tested window installation system for fall protection according to ETB guideline (pendulum impact method) ✓ Tested window installation system to burglar resistance class RC2 Tested in perforated brick Poroton T8 (compressive strength 6) and aerated concrete AAC2			
Typical applications	<p>ProtectFIX in hollow brick (Window protection)</p>	<p>Installation video</p>	Suitable for: ▶ Windows ▶ Doors	



Assortment – *ProtectFIX*

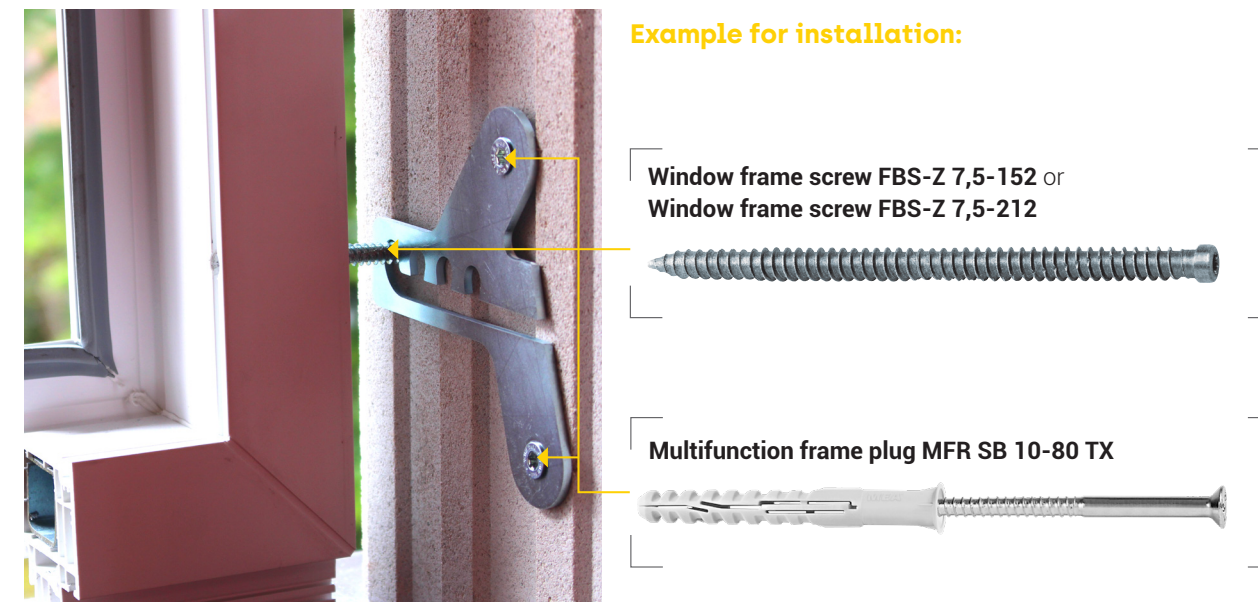


Set <i>ProtectFIX</i> , zinc plated				Packing		
Type	Art-No	Set contains (packed in bag)	Length L [mm]	Material thickness [mm]	[pc]	[pcs]
PFIX, Set, FBSZ152	117PF152FBSZ6	6x <i>ProtectFIX</i> window support metal bracket 117 12x Multifunction frame plug MFR SB 10-80 TX 6x Window frame screw FBS-Z 7,5x152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

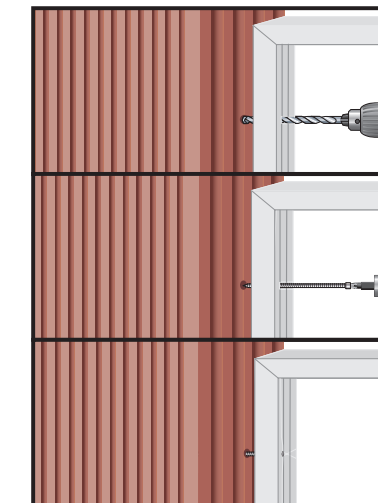
*The window frame screw FBS-Z must penetrate min. 2 brick walls.



<i>ProtectFIX</i> , zinc plated				Packing		
Type	Art-No	Box contains	Length L [mm]	Material thickness [mm]	[pcs]	[pcs]
PFIX, bulk	G117PF	100x <i>ProtectFIX</i> window support metal bracket 117	117	3	100	–



Installation steps – *ProtectFIX*



Place the window in the wall opening, adjust and drill holes. Fix the window with CELO window frame screws FBS-Z.

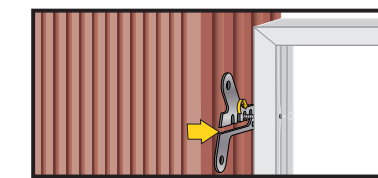
Important:

- The fixing distance between the window frame screws shall be max. 400 mm.
- Edge distance of the window frame screw FBS-Z to the outer wall must be only 35 mm.

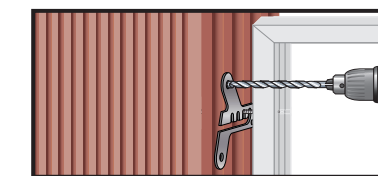
Please note the different sets:

Set 1 includes FBS-Z 7,5-152 (Art-No: **117PF152FBSZ**) for base materials with a compressive strength ≥ 12 e.g. sand-lime brick, perforated bricks according to DIN 1053-1 and concrete with a minimum strength class B15.

Set 2 includes FBS-Z 7,5-212 (Art-No: **117PF212FBSZ**) for base materials with a compressive strength < 12 , min. perforated brick Poroton T8 or aerated concrete AAC2.



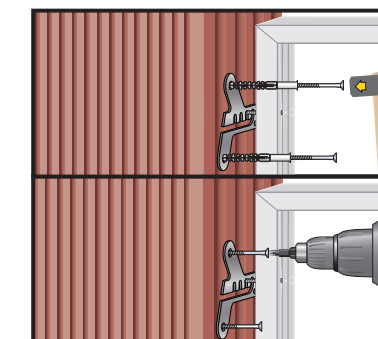
Hang *ProtectFIX* on the window frame screw FBS-Z from the inside or outside. Position the screw in one of the four grooves and align the *ProtectFIX* horizontally.



Drill holes with $\varnothing 10$ mm.

Important:

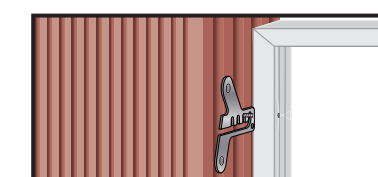
For perforated / hollow bricks and aerated concrete, drill without impact.



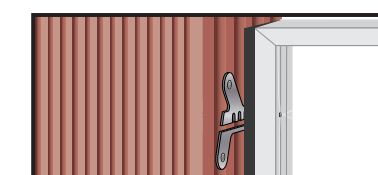
Secure *ProtectFIX* with two CELO multifunction frame plugs MFR SB 10-80 TX in the base material.

Note:

The multifunction frame plug MFR must penetrate at least two brick walls if using perforated bricks without reveal stones. The fixing at the bottom of the window must be specifically selected depending on the base material.



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.