

Frame anchor type RA-Z



Cross references

Precision drill bit HSS
Hammer drill SDS plus®
Bit hexalobular TX30

Application range

- > Direct fastening of plastic and wooden windows in masonry and concrete, without any anchors
- > Especially suited for PVC outer frame without reinforcing steel rods
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Case-hardened steel
- > Sleek and broad supported head (Ø 12 mm)
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides
- > Burglar-resistant (RC2), tested on steel-free plastic windows
- > Tested as fastening element according to the ETB guidelines "Building components which protect against falling from heights"

Installation process

- > Drill Ø 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for Ø refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors

Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance of 50 mm, for aerated concrete 60 mm.

Notice

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

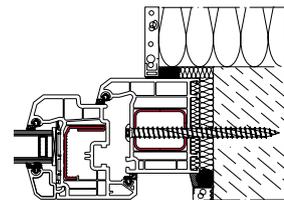
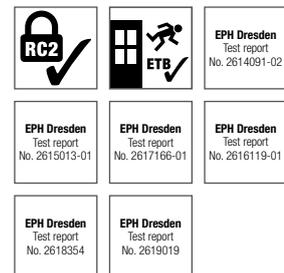
Applications



Technical specifications



Certifications



Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Building materials	Pre-drilling diameter [mm]	drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Steel, t = 6 mm	6.7	Rotary drilling
Concrete ≥ C12/15, Solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, Hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	Omitted	Omitted

Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated					
Frame anchor RA-Z-7.5x40	40	100		2271040601	4061245073149
Frame anchor RA-Z-7.5x60	60	100		2271060601	4061245073156
Frame anchor RA-Z-7.5x80	80	100		2271080601	4061245073163
Frame anchor RA-Z-7.5x100	100	100		2271100601	4061245073170
Frame anchor RA-Z-7.5x120	120	100		2271120601	4061245012766
Frame anchor RA-Z-7.5x150	150	100		2271150601	4061245012759
Frame anchor RA-Z-7.5x180	180	100		2271180601	4061245012742
Frame anchor RA-Z-7.5x210	210	100		2271210601	4061245012735
Frame anchor RA-Z-7.5x250	250	50		2271250601	4061245012728
Frame anchor RA-Z-7.5x300	300	50		2271300601	4061245012711
Frame anchor RA-Z-7.5x350	350	50		2271350601	4061245075815
Frame anchor RA-Z-7.5x400	400	50		2271400601	4061245075822