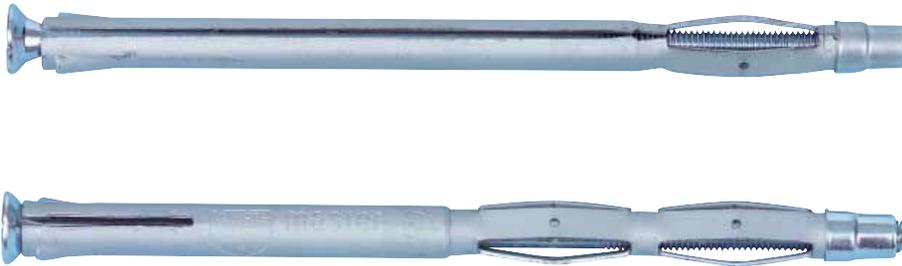


METAL FRAME-FIXING ANCHOR DIA. 10

51



Type W-MRE

(single expansion, drive Z3/AW30® 30)

Type W-MRD

(double expansion, drive Z3/AW30® 30)

Proof of Performance

Test Reports

Testing of a fastening element:

Evaluation of the test results for practical use in window installation by the ift Rosenheim, Test Report No. 328477/2 of 22nd January 1986

Fire resistance

direct effect of flames



Guidelines for mounting/RAL Quality Association

The attachment must safely transfer all planned-for forces affecting the window into the structure.

The loads, i.e. the load of the window, the wind load and the working load, must be determined (see DIN 1055). In accordance with the respective valid building regulations, buildings and their components must be planned in such a way that the life and health of people are not endangered and public safety is not impaired. Attachment of the windows must also comply with this criterion.

We recommend anchors 51, 52, 53 and 55 for this application.

Window walls pursuant to DIN 18056

This standard applies to window walls with an area of at least 9 m² and a side length of at least 200 cm, consisting of a support frame (frame, posts, bar) with fillers (e.g. glazing). This standard does not apply to walls made of glass components.

For this application, we recommend anchors with a construction permit.

1. Applications

- Suitable for the attachment of window and door frames made of wood or PVC
- Especially good for use in perforated stone and lightweight construction material masonry
- This peg complies with the requirements of certain window manufacturers in accordance with RAL quality-assessed installation

2. Advantages

- Quick and economical through-bolt mounting
- Excellent attachment in masonry made of perforated stone or lightweight construction materials thanks to a large expansion area, which adapts itself to the attachment surface
- Tension-free spaced mounting

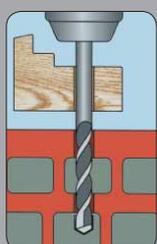
- Covered mounting via cover cap possible

- Trumpet-head screw M6 with drilled head hole dia. 3 for cover cap, to compensate for tolerances (drive Z3)
- Easier mounting with hollow profiles via rounded and reduced peg sleeve
- Locking cam for hollow profiles and rotation-prevention

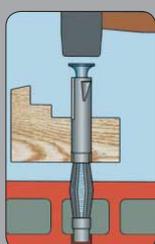
3. Properties

- Universal frame-fixing anchor for light-load applications
- Very good fitness for purpose in almost all common construction materials
- Sleeve: Galvanized sheet steel
Bolt Galvanized steel, blue passivated
- Tested fire-resistance time with a rising temperature curve pursuant to DIN 4102 and direct effect of flames

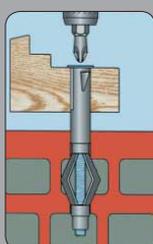
Setting instructions



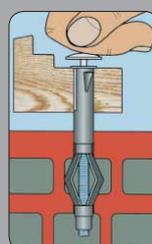
Drill hole



Set anchor in place



Tighten screw



Press on cover cap