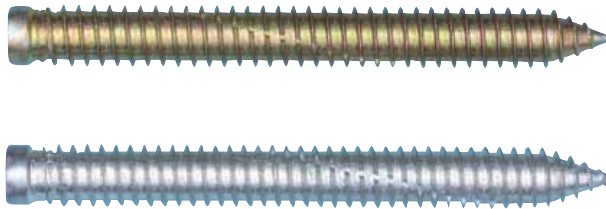


# Amo® III Screw 11.5 mm dia.

55.2



With AW®40

Head dia. 11.5 mm



Steel, yellow galvanised

Galvanised steel,  
blue passivated

Proof of performance			Guidelines for mounting/ RAL Quality Association	Window walls for former DIN 18056a
<b>Test reports</b>			<p>The attachment must safely transfer all planned forces affecting the window to 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 regulation, 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.</p> <p>We recommend anchors 51, 52, 53, 55.1 and 55.2 for this application.</p>	<p>This standard applies for window walls with an area of at least 9 m<sup>2</sup> and a side length of at least 200 cm, consisting of a support frame (frame, posts, bar) with fills (e. g. glazing). This standard does not apply to walls and glass blocks.</p> <p>We recommend anchors with a construction permit for this application.</p>
<p><b>Fire Protection</b> Test Report No. 3174/0649-2 from 12th January, 2000</p> 	<p><b>Burglar Resistance</b> Class 2 in accordance with DIN V ENV 1627. Expertise of theft Rosenheim in Germany No. 255 29923 from 21<sup>st</sup> November, 2005</p> 	<p><b>Testing of suitability for attaching a window to the structure with brick masonry by the ift Rosenheim in Germany.</b> Test Report No. 105 30599 from 10th July, 2006</p>		

## 1. Applications

- Tension-free spaced mounting for all frame materials and masonry types
- Mounting of window and door frames with pre-drilled mounting hole dia. 10 mm

## 2. Advantages

- Saves time – no anchor required
- Short installation times, as no setting tools are required
- Thanks to AW® drive, longer bit service life, improved force transmission and no ejection forces
- Through-bolt mounting
- Can be loaded immediately – no wait time after setting
- High loadability through positive locking
- Removable
- Virtually no spreading forces during setting

## 3. Properties

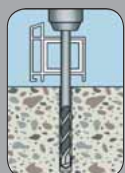
- Spreading-pressure-free, positive locking and removable anchoring
- Function of load pick-up is retained even under thermal loading
- Tested fire-resistance duration of 120 minutes
- Tested burglar resistant properties for plastic windows in the resistance class WK 2 according to DIN V ENV 1627
- Bit AW® 40 in every package

**Information:** The correct installation of components must be checked under consideration of the respective building situation (e.g. casement-weight, surface properties, hole pattern of the stone).

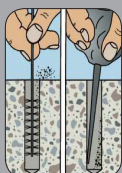
### Good to know:

- Pre-drilling window frame with 10 mm.
- Drill perforated and hollow blocks in rotating gear (without impact mechanism).
- No pre-drilling is necessary in aerated concrete, Amo® III screw can be screwed in directly.
- Align window frames with alignment clamps or Amo Bag.
- Screw length = frame width + distance + screw-in depth.

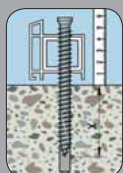
## Setting instructions



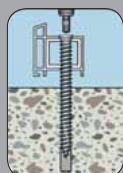
Create drill hole



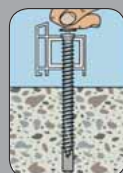
Clean drill hole



Align and affix window frame



Screw in screw



Press on cover cap