

# AMO® COMBI 7.5/11.5 W-UR 10 PLASTIC FRAME-FIXING ANCHOR

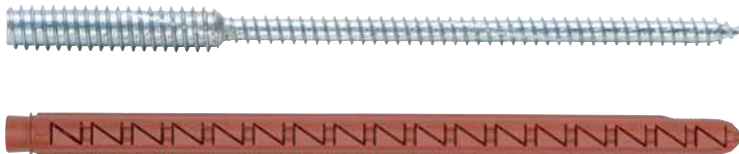
55.5

**AMO® Combi Screw 7.5/11.5  
with AW®30**

Galvanized steel

**SCHLAGMANN  
POROTON**

Recommended by Schlagmann Poroton  
GmbH & Co. KG for Window Installation



Proof of performance			Guideline for planning and executing the assembly of windows and house doors, Edition 2010 Art. No. 5995 000 000	Window walls according to former DIN 18056 or elements with an area over 9 m <sup>2</sup> and fall-arresting glazing according to TRAV or DIN 18008-4
<b>Test reports</b>			The attachment must safely transfer all planned forces affecting the window to the structure and the foundation. Therefore, the loads, i.e. the combined 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.	The DIN 18056 applied for window walls with an area of at least 9 m <sup>2</sup> and a side length of the shortest side of at least 2 m. For this application, anchors with a construction permit or a European technical approval or an approval in individual cases must be used.  For the attachment or fall-arresting glazing according to TRAV or DIN 18008-4 as well, only anchors with a construction permit or a European Technical Approval or an approval in individual cases may be used.
Component test with frame screw for fastening windows on the structure with AMO®-III-7.5 mm screw in conjunction with a plastic window in chalky sandstone masonry, Test Report No. 105 34261 of 21 November 2007 <sup>1)</sup>	Component test with frame anchor W-RD 10 with AMO®-III screw for fastening a plastic balcony door without side supporting and spacing blocks in POROTON plane brick T12. Test Report No. 105 44179/2 from 23 December, 2010 <sup>1)</sup>	Component test with frame anchor W-UR XXL with AMO® Combi screw for fastening a plastic balcony door without side supporting and spacing blocks in POROTON T8-36,5 MW. Test Report No. 11-001214-PRO1 from 17 October, 2011 <sup>1)</sup>		
<sup>1)</sup> Expertise of the ift Rosenheim in Germany of 5 March, 2012 No.: 12-000288-PRO1 confirms that the test reports named are also valid for the AMO®-Combi screw and the W-UR 10 XXL.				

## 1. Applications

- Tension-free spaced mounting
- Fastening of windows in concrete, perforated and solid stone masonry and wood



In bricks with large pockets and solid ribs  
AMO® Combi + W-UR 10 XXL



In perforated bricks with small pockets and thin ribs  
AMO® Combi + W-RD

## 2. Advantages

- Reliable, easy mounting. The drill hole is drilled through the frame, and if necessary the anchor for perforated bricks or reveal bricks is pushed through and then the window fastened securely and torque-free.
- Can be loaded immediately – no waiting time after setting
- Versatile and flexible range of uses
- **Solid brick, concrete and wood: AMO® Combi** can be screwed in directly due to the hardened thread
- **Perforated brick: AMO® Combi** in combination with W-RD

- **Perforated brick with large pockets: AMO® Combi** in combination with W-UR 10 XXL: always anchored in at least 2 ribs.
- Measuring of the fastening can be eliminated up to the tested window size with the tested surfaces and corresponding installation
- Removable anchoring

Note: The proper installation of the components must be checked while taking the respective local building situation (e.g. window sash weight, surface properties, hole pattern of the stone). The fastening of fall-arresting glazing according to TRAV or DIN 18008-4 may only be carried out with the AMO® Combi screw if a corresponding approval in the individual case is provided prior to the start of installation.

### It's good to know:

- Drill perforated and hollow blocks in rotating gear (without impact mechanism)
- With the W-UR 10 XXL the screw is not longer than the anchor so that the second pocket is hit in modern filled perforated bricks, and therefore the correct guidance of the anchor in the drilled hole and in the frame is ensured. This does not result in any load reduction.

## Setting instructions

### Concrete



Predrill window frame



Produce drilled hole



Clean drilled hole

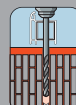


Screw in screw

### Perforated brick in conjunction with W-RD



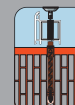
Predrill window frame



Produce drilled hole



Set anchor



Screw in screw

### Perforated brick with large pockets in conjunction with W-UR 10 XXL



Predrill window frame



Produce drilled hole



Set anchor



Screw in screw