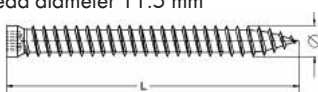


AMO® III SCREW 11.5 MM DIA.

55.2

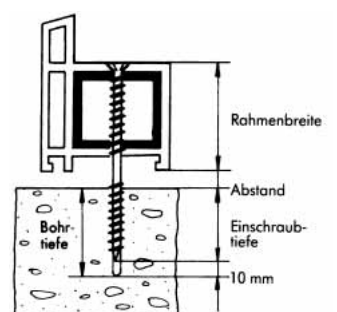
Performance data			
Dowel type			dia. 11.5
Fire resistance duration Concrete strength class at least C20/25 and maximum C50/60	Transverse or oblique pull up to 30°	F30 [kN]	0.50
		F60 [kN]	0.50
		F90 [kN]	0.50
		F120 [kN]	0.50

Characteristic values				
General	Minimum edge spacing	Concrete	c_{min} [mm]	50
		Chalky sandstone, solid brick, vertically perforated brick (at least 2 walls), pumice, light concrete, aerated concrete		60
	Minimum screw-in depth	Concrete	$h_{nom} \geq$ [mm]	30
		Chalky sandstone, solid brick		50
		Vertically perforated brick (at least 2 walls), pumice, light concrete, aerated concrete		60
Drill bit nominal diameter	Concrete	d_o [mm]	10.0	
	Chalky sandstone, solid brick, vertically perforated brick (at least 2 walls), pumice, light concrete		10.0	
	Aerated concrete		No pre-drilling necessary	
Drill hole depth		h_1 [mm]	Screw-in depth + 10 mm + any existing plaster layer	
Burglar resistance WK2 ¹⁾	Minimum edge spacing	Concrete \geq B15, vert. perf. brick VPB 12, solid bricks MB, solid sand-lime bricks CS, perf. sand-lime bricks PSLB, solid bricks and solid blocks of light concrete SB/SBLC	c_{min} [mm]	60
		Porenbeton PP4		100
	Drill bit nominal diameter	Concrete \geq B15	d_o [mm]	10.0
		Vert. perf. bricks VPB 12, solid bricks MB, solid sand-lime bricks CS, perf. and-lime bricks PSLB, solid bricks and solid blocks of light concrete SB/SBLC		10.0
		Aerated concrete PP4		in wall: no pre-drilling required, in lintel 10.0
	Wall thickness		$d \geq$ [mm]	240
Screw-in depth		$h_{nom} \geq$ [mm]	60	
Drill hole depth		h_1 [mm]	Screw-in depth + 10 mm + any existing plaster layer	

Dowel dimensions					
Total length	l [mm]	112	132	152	182
with AW®40 Head diameter 11.5 mm 	Art. No. Steel, yellow galvanised	0234 115 112	0234 115 132	0234 115 152	0234 115 182
	Art. No. Galvanised steel, blue passivated	0234 840 112	0234 840 132	0234 840 152	0234 840 182
Suitable application: Light countersinking with wood and plastic profiles + bit AW® 40					
Packing unit	P. Qty. [pieces]	50			

Cover caps, flat, polyethylene, AW 40®, 15 mm dia.			
Colour			
Wood colours			Mahogany
RAL designation		Pure white	Mahogany brown
Art. No.		0590 740 101	0590 740 111
Packing unit	P. Qty. [pieces]	500	

Determination of correct screw length:



¹⁾ The masonry compressive strength must at least comply with the masonry strength class M11 according to DIN 1053-2. The building connection joint between the wall face and the window frame profile may be a maximum of 25 mm all round. The minimum thickness of the steel wall is 1.5 mm.

Würth System Components

