

## For wood, brick, concrete, lightweight concrete

### Area of Application

ESSVE Programa CLASSIC Frame screws are designed for installation in wooden window and door frames, concrete, brick and lightweight concrete. Programa Frame screw provides for fully adjustable installation.

### Description

The ESSVE Programa CLASSIC Frame screw consists of a zinc sleeve with an exterior thread and a steel screw which can revolve freely in the sleeve. When mounted the frame screw sleeve is fixed in the frame and the screw in the base. By screwing the sleeve but not the screw, the frame can be adjusted in-

wards and outwards.

The Programa Frame screw can be mounted without fixed blocks and provides for fully adjustable and removable installation without damage to frames or base. Installation with Programa Frame screws improves and facilitates insulation, as the use of mineral wool or jointing foam allows for uninterrupted caulking.



### Approval

ESSVE Programa CLASSIC Frame screw and ESSVE Foam 90 are tested and class 4 approved according to Swedish Standard, SS 817332. This system can therefore be used where burglary-proof windows are required. Only Programa Frame screws has been tested and class 2 approved.

### Installation

#### Installation in wooden joists

- Use Programa CLASSIC Frame screw unhardened.
- The spacing between the frame and the wall determines the length of frame screw to be used.
- Installation depth in wooden joists is min. 45 mm.
- Drill a 14 mm hole straight-through with Frame screw drill DLT 5.
- For a pre-drilled frame installation is performed directly.
- Fit the frame screw with Installation key MN-H or KMN.
- Adjust if necessary with Universal key UN-T or KMN
- Cover the hole with a cap in an appropriate colour.
- **Tip!** Use KarmFix Programa as an installation tool in wooden wall structures, so there is no need to use wedges.

#### Installation in concrete, brick, lightweight concrete

- Use Programa CLASSIC Frame screw unhardened.
- The spacing between the frame and the wall determines the length of frame screw.
- **For concrete/solid brick.**  
Length 70 and 90 mm together with N-plug.
- **For hollow brick/lightweight concrete/hay-dite.**  
Length 140 mm with the NL or GXL-plug. Take into account the right screw-in depth into the plug.
- The frame is drilled using a Ø 14 mm wood bit. For pre-drilled frames use Centring sleeve C 10 and 10 mm installation or hammer drill.
- The frame screw together with a suitable plug according to the table, is installed using installation key MN-H or KMN. Adjust if necessary with Universal key UN T or KMN
- Cover the hole with a cap in an appropriate colour.

### Specification

	Steel screw	Sleeve
Material	Steel	Zinc alloy
Surface treatment	Bright zinc plated	-

## Programa Frame screw unhardened ESSBOX

Item. no	Dimension mm	Max. joint width at wooden joist, mm	ESSBOX size	Qty/pack.	pack./large pack.
111413	70	10	304	100	4
111415	90	35	304	80	4

### Bulk packages

Item. no	Dimension mm	Max. joint width at wooden joist, mm	Qty/pack.
7111413	70	10	600