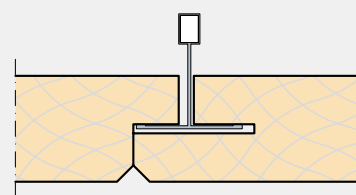
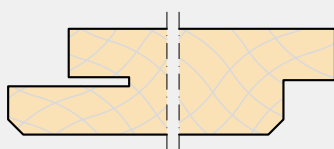


# Installation instructions

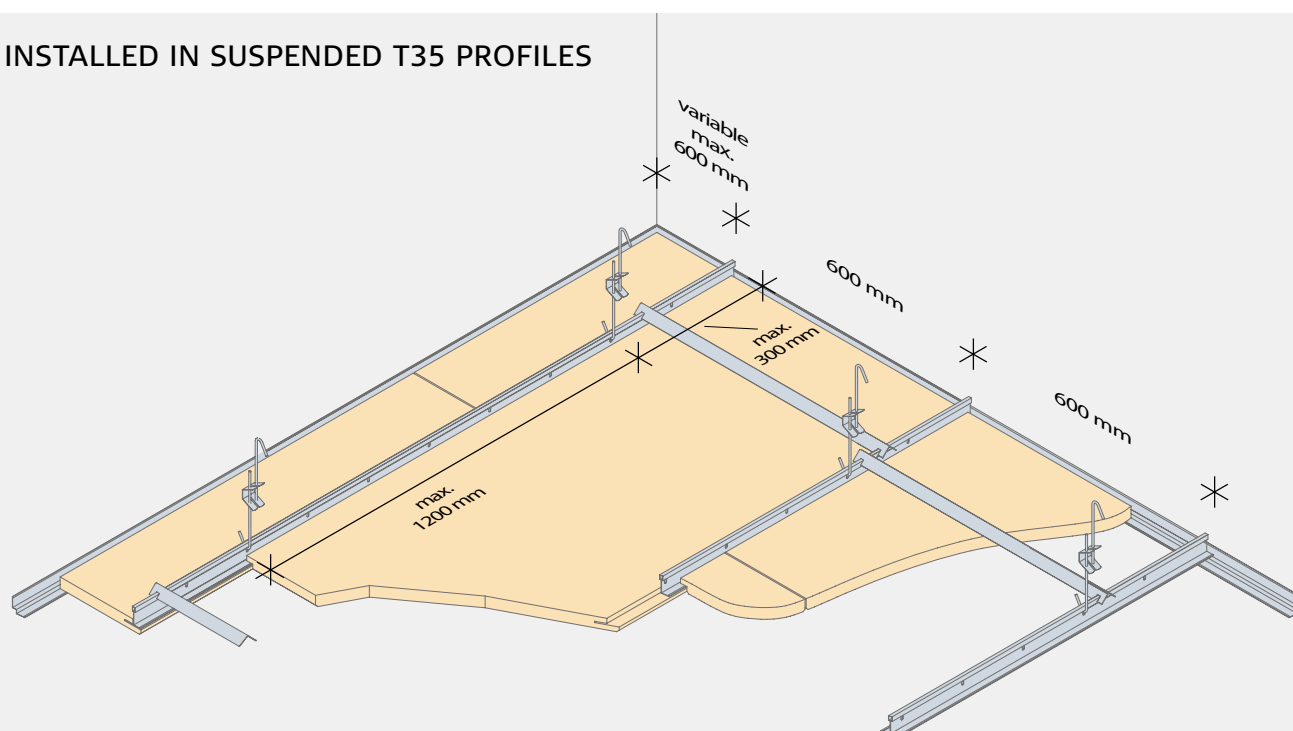
Trolldtekt® acoustic panels K5-FN  
Installed in concealed T35 profiles in removable,  
suspended ceiling system

## TROLDTEKT® ACOUSTIC PANELS

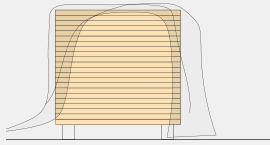
K5-FN: Rebate and groove on long edge,  
5 mm bevel



## INSTALLED IN SUSPENDED T35 PROFILES

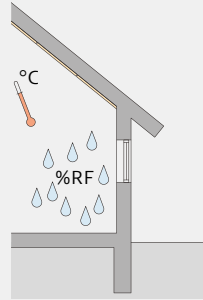


## STORAGE AND ACCLIMATISATION



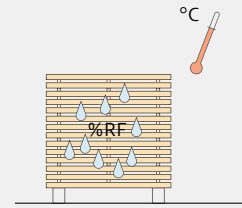
### Outdoor storage

If it is necessary to store Troldtekt panels outdoors, you should protect the panels using a tarpaulin or similar. Please note that outdoor storage should be as brief as possible and never directly on the ground.



### Indoor storage

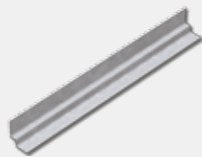
If you store Troldtekt panels indoors, you must remove any packaging, as condensation could otherwise form within the packaging. Care should be taken to protect stored Troldtekt panels from moisture, direct heat and dust.



### Acclimatisation

It is important that the Troldtekt panels are allowed to acclimatise prior to installation. Acclimatisation means that the panels must adapt to the temperature and humidity in the room where they are to be installed.

## COMPONENTS



Product name	Perimeter angle profile 24/12/15/20 mm	Main tee profile, B360 – 35 × 38 mm	A60 spacer profile
Length (mm)	3000	3600	625
Quantity per pack	40 pcs.	15 pcs.	50 pcs.
Approx. qty. per m <sup>2</sup>	According to measurement	1.7 linear m	1.4 pcs.



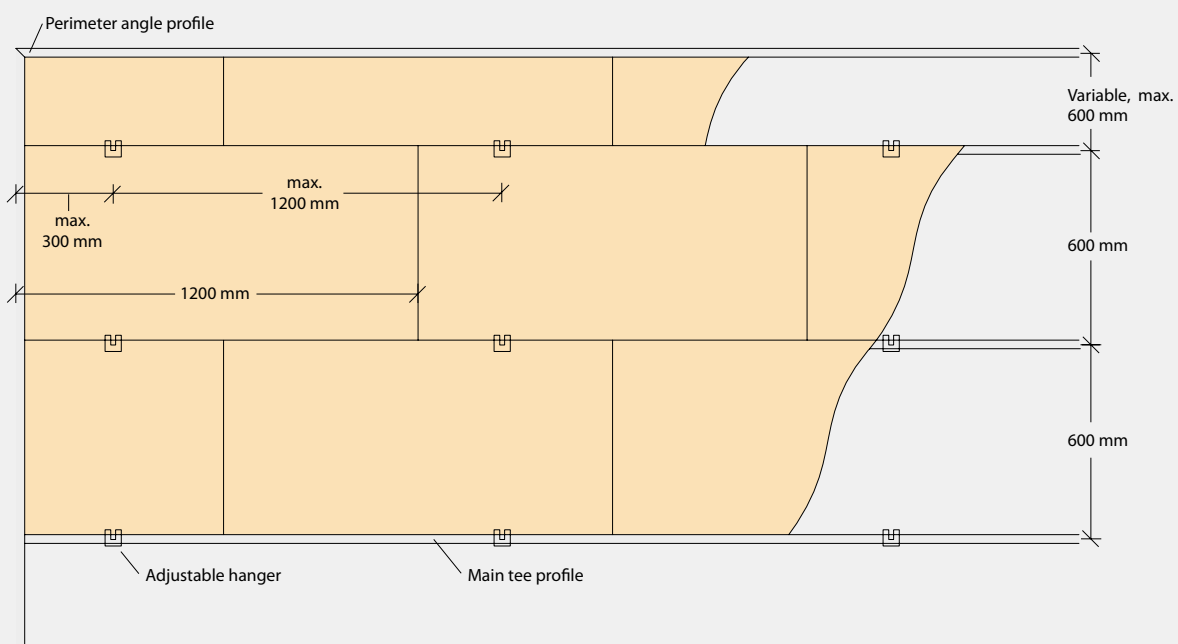
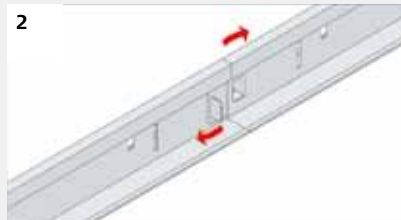
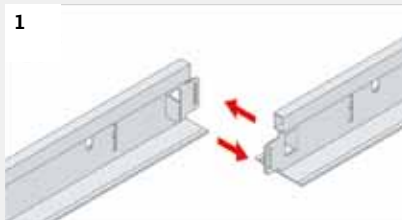
Product name	Adjustable hanger
Length (mm)	180-300 / 300-600 / 600-1000
Quantity per pack	100 pcs.
Approx. qty. per m <sup>2</sup>	1.4 pcs.

## INSTALLATION

**1:** Fix the perimeter angle profiles (fig. A) securely to the wall with a maximum spacing of 300 mm. Additionally, fasten 50 mm from profile end at joints, abutments and endings. Hang the main tee profiles parallel at 600 mm, spacing hanger points evenly at max. 1200 mm. There should be max. 300 mm from the transverse wall to the first hanger. The main tee profiles should lap on the perimeter angle profiles.

**2:** Fix the hangers securely to the structure above. In order to facilitate installing the Troldtekt panels, the hangers should be min. 200 mm long. In case of increased loads from e.g. lighting fixtures, the hanger spacing should be reduced. Fix heavy fixtures etc. to the structure above. Use a hacksaw or profile cutter to cut the profiles. Connect the main tee profiles by inserting the tabs through the punched holes on the tongues of the main profiles. Then bend the tabs back to lock. (See figs.1 and 2).

**3:** When you have installed the profiles, check that all hangers are secure. Adjust if necessary. Then place the Troldtekt panels with the groove facing the installation direction so that the last row of panels lies loosely in the profile facing the wall. As you place the panels, fit spacer profiles for every 1200 mm. The first spacer profile should be fitted max. 300 mm from the wall. Fit the spacer profiles over the ridge of the suspended main tee profiles.



## INSPECTION ON RECEIPT

On receipt, check that the number of panels is correct and that the panels do not have visible flaws and defects. Please inform the supplier immediately in case of defective

panels, as we cannot accept claims regarding visible flaws and defects after the panels have been installed.

## AFTER INSTALLATION

Remove any processing dust with a vacuum-cleaner with a brush nozzle.

If the installation process has left lines or other dirt on natural wood panels, you can

remove these by using a slightly damp cloth. Touch-up paint is available as required.

## SUBSEQUENT CARE AND MAINTENANCE

Troldtekt panels usually require no subsequent care. However, we recommend regular cleaning along with other surfaces – and otherwise as required.

Use a vacuum cleaner with a brush nozzle. If vacuum-cleaning is not sufficient, you can

wipe the panels using a slightly damp cloth. If you subsequently want to paint the Troldtekt ceiling, you can use a long-haired paint roller or a hand sprayer. Water-based paint will not reduce the sound-absorbing performance of the panels.

## PRODUCT STANDARDS, LABELLING AND CERTIFICATES

The table below indicates the size tolerances declared by us in accordance with the standard for cement-bonded wood wool (EN 13168) and the standard for suspended ceilings (EN 13964). It is important to note that Troldtekt is a natural material and the very nature of the material composition – wood wool and cement – may result in small variations in the thickness of the panels. Panel dimensions and weights

remain inside the tolerance indicated at 23 +/- 2° C and 50 +/- 5% relative humidity. However, inappropriate storage and lack of acclimatisation can alter the dimensions and weight of the panels. It is therefore important that you observe the installation, storage and acclimatisation instructions carefully.

Due to the composition of the materials, colour shade variations may occur.



Godkendelse  
MK 6.31/0379



THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT (kg/m <sup>2</sup> )	NO. OF PANELS (per pallet)	PERPENDICULARITY (mm)	PLANENESS (mm)
35	600	600 1200	12.0	56* 56	≤2	≤3
(+/- 1.5)	(+/- 1)	(+/- 1.5)	(+/- 10%)			

\*600×1200 mm pallet

## FURTHER INFORMATION

On [www.troldtekt.com](http://www.troldtekt.com) you can read more about Troldtekt products. You can also download the most recent version of these

installation instructions and see the complete range of Troldtekt installation instructions.



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