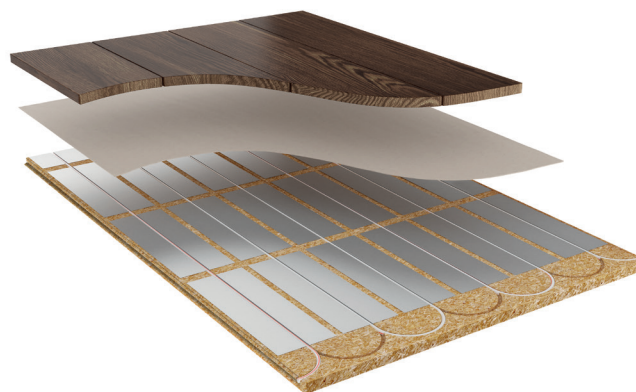


# Roth QuickTemp Universal Chipboard System

Roth QuickTemp universal chipboard system has been developed for use on both spreading construction and on hard floor insulation. It is a fast-regulating and low-construction system for use both in new construction and in renovation projects. It consists of 22 mm plates with grooves for 16 mm floor heating pipes. The system is laid in the same way as ordinary 22 mm chipboard.

Roth X-PERT S5® 16 mm underfloor heating pipes and 0.5 mm heat distribution plates must be used for the system. With the 0.5 mm heat distribution plate, a uniform surface temperature and the possibility of a high performance are ensured.



## Areas of application

› On joist construction

## Technical description

Roth QuickTemp universal chipboard system is produced with low formaldehyde content and meets the requirements of the E1 standard and is produced from FSC-labeled wood.

The heat distribution plates for the Roth universal chipboard system is in aluminum, and comes in a 0.5 mm thickness.

## Handling and storage

The chipboard system must be laid in dry indoor environments 15 - 25°C and 50 - 65% RH. The plates must be stored unpackaged for at least 24 hours in the climate in which they are to be placed. For installation of the system, refer to separate installation instructions.

## Technical data

Roth QuickTemp universal chipboard

22 mm

Size

Area

Pipe Centres

Max. point load at joist

Max. general load at joists

Floor insulation in EPS

min. compressive strength

Mineral wool payload min.

HVAC No. 7339295222

Width 600 mm,

Length 1.800 mm

1,08 m

3 pipe runs with

200 mm C/C

1.5 kN (maximum

deflection of 2 mm)

3,0 kN/m<sup>2</sup>

150 kPa

2,5 kN/m<sup>2</sup>

Roth QuickTemp universal turn boards

Size

Area

NOTE! Turn boards must not be used floating on floor insulation.

HVAC No. 7339295523

Width 1.200 mm

Length 600 mm

0,72 m<sup>2</sup>

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## Accessories

Roth QuickTemp heat distribution plate	
180 x 1,200 x 0.5 mm	HVAC No. 7339217116
Roth X-PERT S5® pipe	
16 x 2.0 mm at 90 m	HVAC No. 7087207216
Roth X-PERT S5® pipe	
16 x 2.0 mm at 200 m	HVAC No. 7087207235
Roth X-PERT S5® pipe	
16 x 2.0 mm at 650 m	HVAC No. 7087207237

## Consumption

Roth QuickTemp heat distribution plates 0.5 mm	4 plates /m <sup>2</sup>
Roth X-PERT S5® pipe 16 mm	5 m/m <sup>2</sup>

