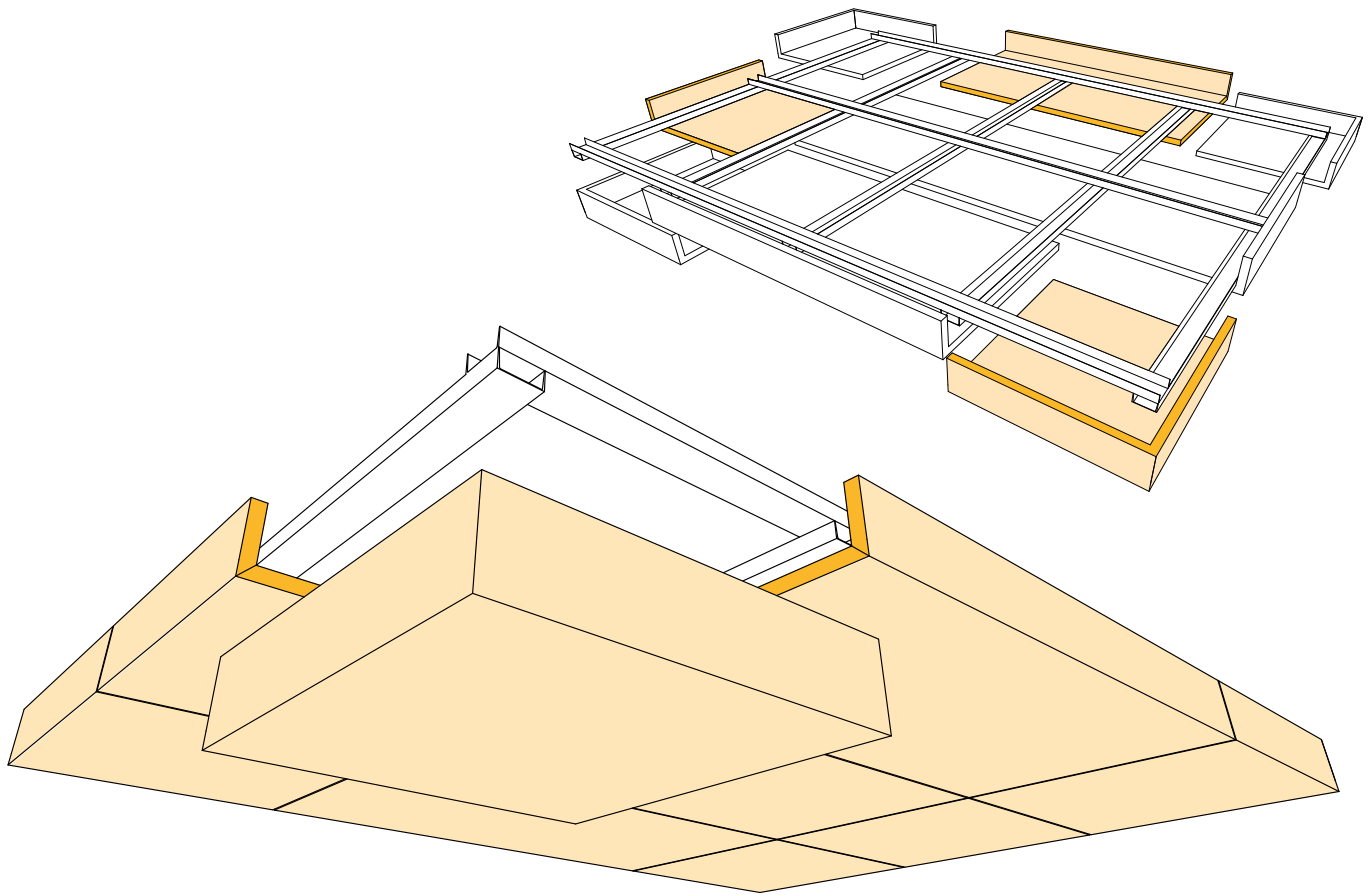




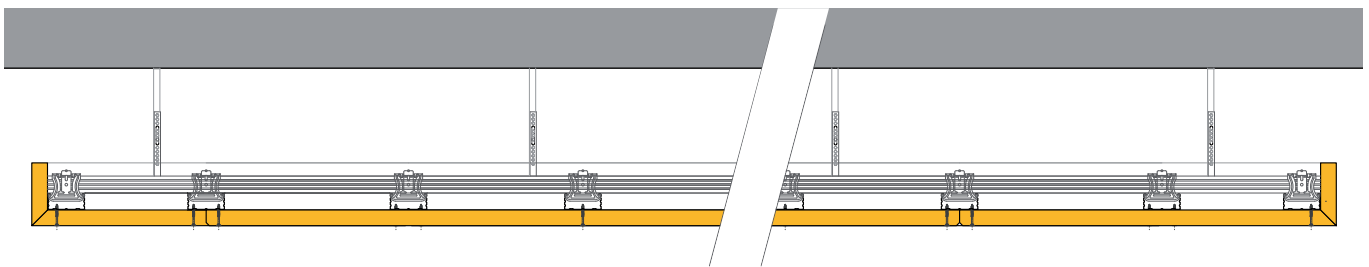
## Heradesign® ceiling raft

**Table 21**

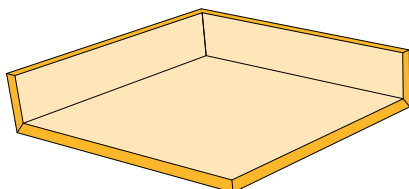
Product	System part	Size L x W x H mm	Thickness mm	Edge design	Weight kg/piece
Heradesign® <i>superfine</i>	1 Corner Piece	600 x 600 x 125	25	AK-01	5.8
	2 Side Piece 600	600 x 600 x 125			4.9
	3 Side Piece 1200	1200 x 600 x 125			9.8
	4 Standard 600	600 x 600			4.1
	5 Standard 1200	1200 x 600			8.1
Heradesign® <i>fine</i>	1 Corner Piece	600 x 600 x 125			6.3
	2 Side Piece 600	600 x 600 x 125			5.4
	3 Side Piece 1200	1200 x 600 x 125			10.8
	4 Standard 600	600 x 600			4.5
	5 Standard 1200	1200 x 600			8.9



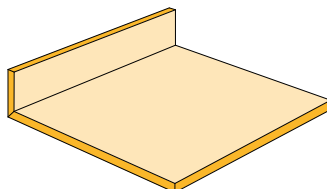
### Ceiling raft cross section



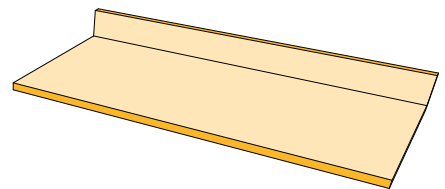
1) Corner piece



2) Side piece 600



3) Side piece 1200



Ceiling raft

## Mounting information:

- For the implementation requirements, also see **DIN 18168 T.1** “Lightweight ceiling linings and suspended ceilings”, or alternatively DIN-EN 13964 “Sus-pended ceilings – requirements and test methods”.
- **Installation of the basic sections**, distances according to Table 8, page 18. Longitudinally, set one basic section each into the corner of the upturned edges of the ceiling raft.
- Distribute cross sections symmetrically in the grid dimensions. Set one cross section each into the corner of the upturned edge.
- Screw pattern, see page 7.
- Start panel installation from the centre of the ceiling raft.
- Press the acoustic panels in and align them longitudinally in the bracing, transversely to the direction of the section and fasten them with rust-protected drywall screws (head diameter  $\geq 9$  mm) and suitable drill point to the load-bearing tracks. For each panel width and centre distance, two drywall screws are required. For indoor swimming pools and vibrating constructions, three drywall screws are required. Please note: observe the necessary corrosion protection requirements.
- **Square acoustic panels**: observe the installation direction marked on the back when installing the panels.
- **Cross joints**: four panel corners meet at one point, which means increased accuracy is required when installing.
- **Screws**: drywall screws with special tips, fine thread, partial thread and bugle head screws with milled ribs on the underside are suitable. Head diameter  $\geq 9$  mm. The necessary corrosion protection must be matched to the conditions prevailing in the room. The screw heads must be set to be flush with the panel surface and after installation they must be covered with a paint supplied by the manufacturer or an equivalent.
- Film or mineral wool is inserted piece by piece with the installation of the acoustic panels. A PE film with a thickness of up to 30  $\mu\text{m}$  does not degrade the sound absorption of the underlying absorbers and is recommended as trickle protection for mineral wool lining.
- **Damaged or soiled** panels or panels with colour deviations may not be installed. Panels with edge design SK-04 may not be installed because the panel size is smaller than the grid dimensions.

Light installation details	58
Processing	68

Please request expert opinion if required.

## Heradesign® screw

Rust-protected, universal drywall screw for attaching Heradesign acoustic panels to laths and CD-sections 60/27/0.6 mm. Partial thread, screw head with Torx T20. Screws required: see accessories, page 63.

**Maximum spacing:** 600 bzw. 300 mm / 625 bzw. 312 mm

**Please note:** not suitable for indoor swimming pools and outdoor applications.

**Table 22 - Delivery form of Heradesign® screws**

Dimensions mm		Colour of screw head	For panel thickness mm	Packaging unit pieces/box
Length	Ø			
50	4.5	--	25	200
50	4.5	white / natural colour	25	200
60	4.5	--	35	200

**Table 23**

Panel thickness (mm)	15	25	35
Screw dimensions according to DIN 7997, ÖNORM M5027 (mm)	4.5/35	4.5/45	4.5/60

