



CEILING
LIGHTING
AMBIENCE

DUR-SONIC® ACTIVE

HEAT-CONDUCTING ACOUSTIC
RAFT CEILING

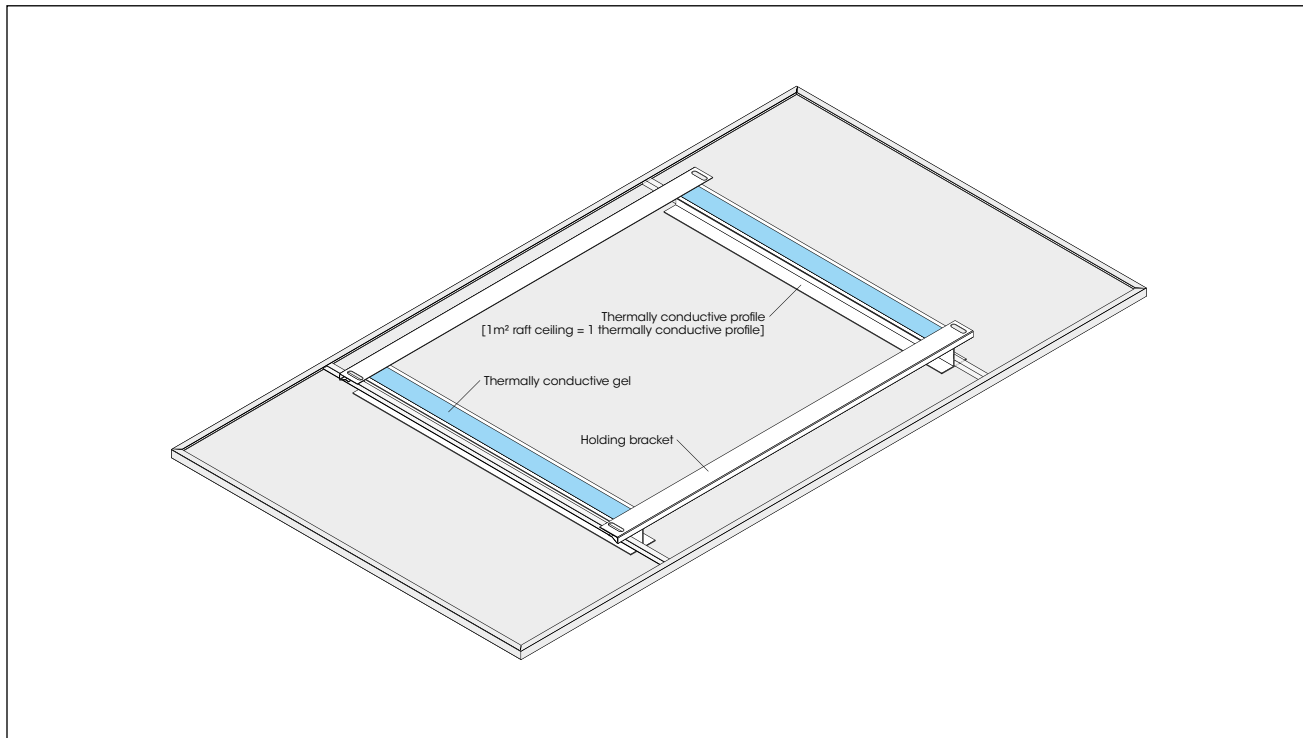
dur-SOLO® ACTIVE was developed for use under core-activated concrete ceilings. With the aid of a specially developed thermally conductive gel and aluminium rails, dur-SOLO® ACTIVE conveys the output of the concrete ceiling to the lower side of the raft. Unlike conventional raft ceilings, this significantly reduces the impact on the heating or cooling effect of the concrete ceiling.

Advantages of dur-SOLO® ACTIVE:

- Thanks to the big portion of radiant energy the performance of the core-activated concrete ceiling is largely achieved.
- High sound absorption coefficient at medium and high frequencies.
- Easy to install and demount.
- Permanently elastic, non-adhesive thermally conductive gel.

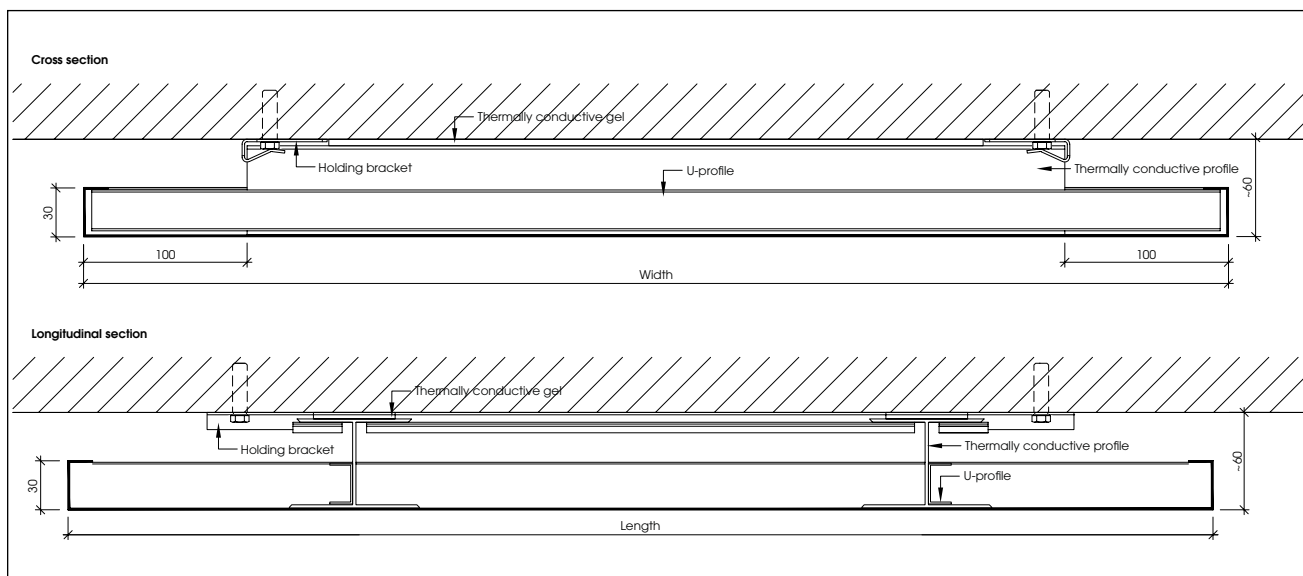
DUR-SOLO® ACTIVE | ACOUSTIC RAFT CEILING

SYSTEM OVERVIEW



TECHNICAL DATA

Material:	Galvanized steel [0.7 mm] or aluminium [1.0 mm]
Surface:	Powder-coated, optionally in RAL colours or with dur-GRAPHICS printing
Length:	≤ 3600 mm
Width:	≤ 1250 mm
Perforation:	Standard RD-L30, other perforations possible
Acoustics:	durlum acoustic fleece and/or mineral wool in PE
Installation height:	60 mm



SOUND ABSORPTION COEFFICIENT

Test report:

0015-P117/06

System:

RD-L30 perforation; acoustic fleece ST; mineral wool in PE;
60mm construction height; absorption area on one side

Measured values:

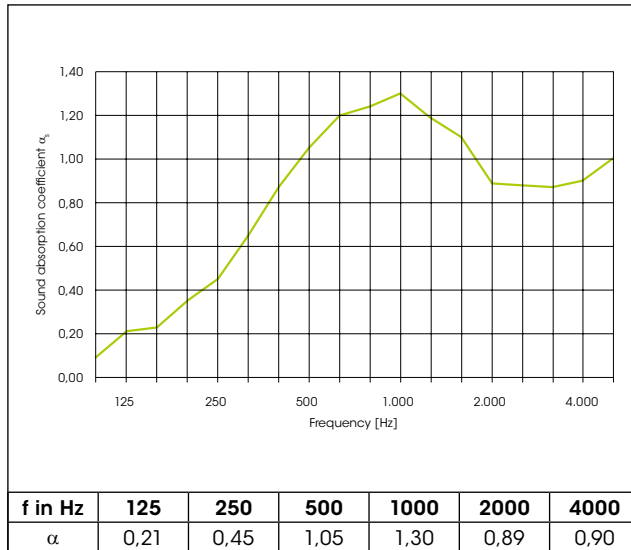
$$\alpha_{s,m} = 0,8$$

$$\alpha_w = 0,8 \text{ [M]}$$

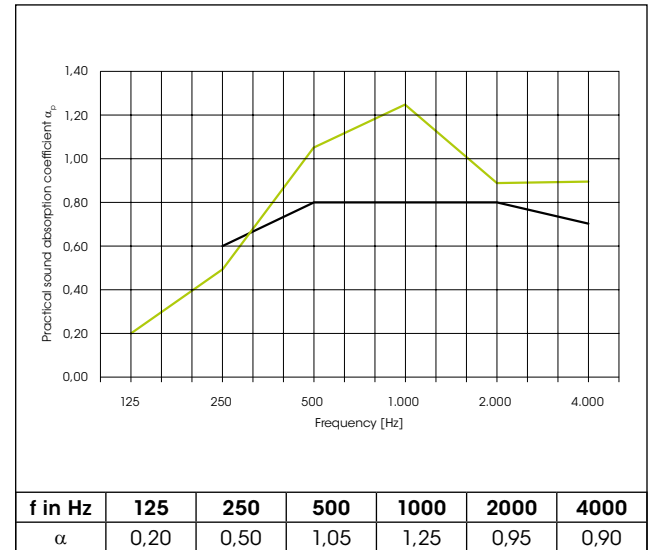
$$\text{NRC} = 0,90$$

Absorber class = B, highly absorbent

Sound absorption coefficient according to DIN EN ISO 354



Sound absorption coefficient according to DIN EN ISO 11654



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