

HEARTFELT® CEILINGS

Based on our deep knowledge of ceilings and their applications, combined with expertise in textiles and production techniques we have developed new ceiling design possibilities with HeartFelt®. This new ceiling material provides outstanding acoustic performance and an aesthetic appearance which results in a warm ambiance rarely experienced before.







Project : Euro Sun, Enescu Building, Bucharest
Architect: AMA design
Product : HeartFelt® linear

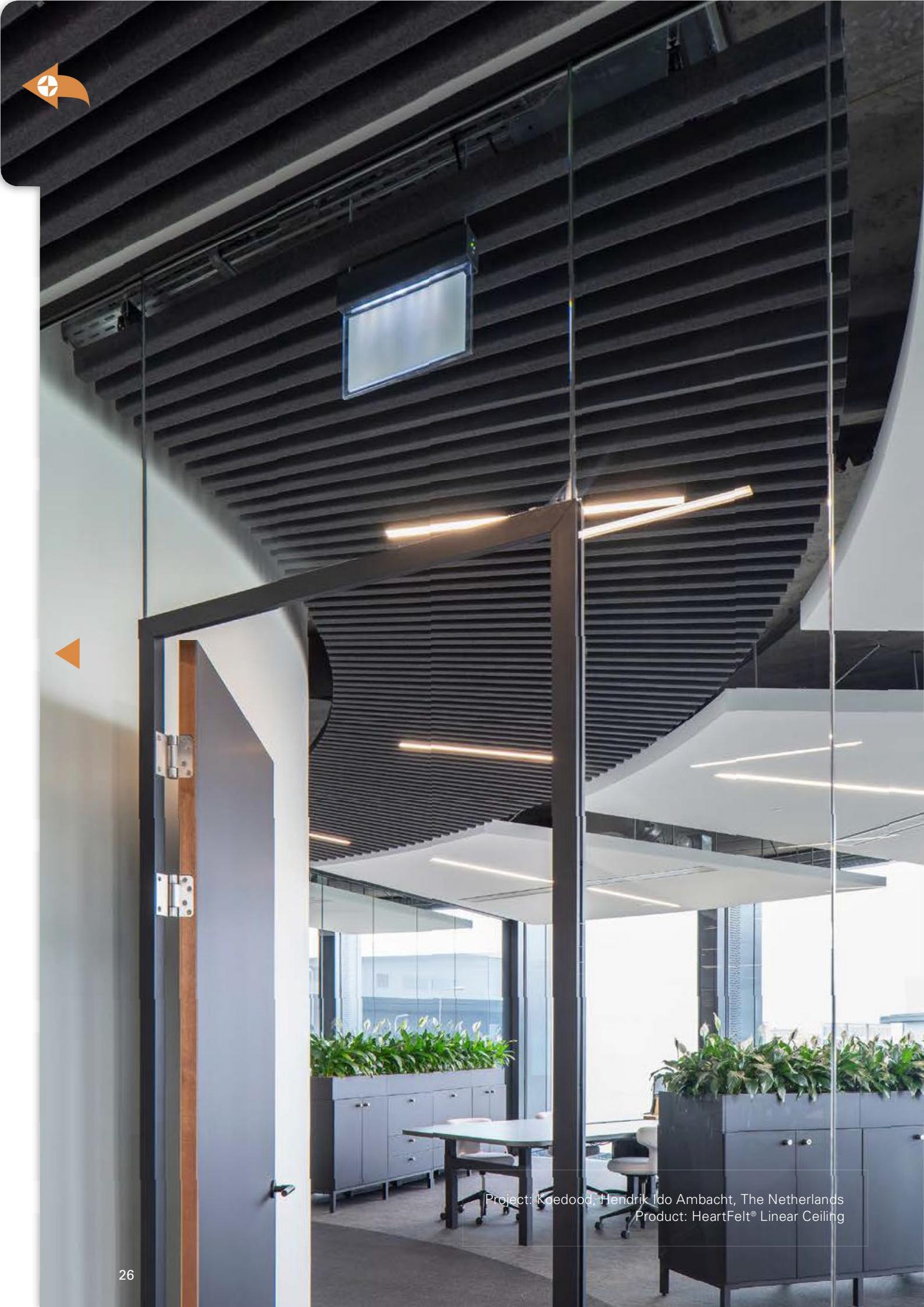
"A SPECIAL DESIGN WITH GREAT ACOUSTIC PERFORMANCE"

When Euro Sun, a major Canadian mining company, opened its first office in Romania, it selected one of Bucharest's premium, grade A office buildings for its headquarters: the Enescu Building.

It commissioned a refurbishment of the ninth-floor office of the building, which is also home of the Norwegian Embassy and KLM. The architect AMA Design created a private lounge for VIP presentations, which included Hunter Douglas Architectural's innovative and award-winning HeartFelt® felt ceiling.

Architect Anda Manu said: "The use of HeartFelt® had actually two purposes: a special design in the ceiling cut-outs and more importantly, for the sound absorption that it can offer. As the HVAC machines are above this floor and are very noisy, the acoustic performance required an additional use of sound-absorbing materials. Therefore, we chose the HeartFelt® ceiling system."

"This particular ceiling system is an innovative and a quality solution for a wide range of differently shaped cut-outs in the ceiling, as well as it presents great acoustic properties. It manages to create an appealing aesthetics and it is easy to maintain."



Project: Kedood, Hendrik Ido Ambacht, The Netherlands
Product: HeartFelt® Linear Ceiling



HEARTFELT® CEILINGS

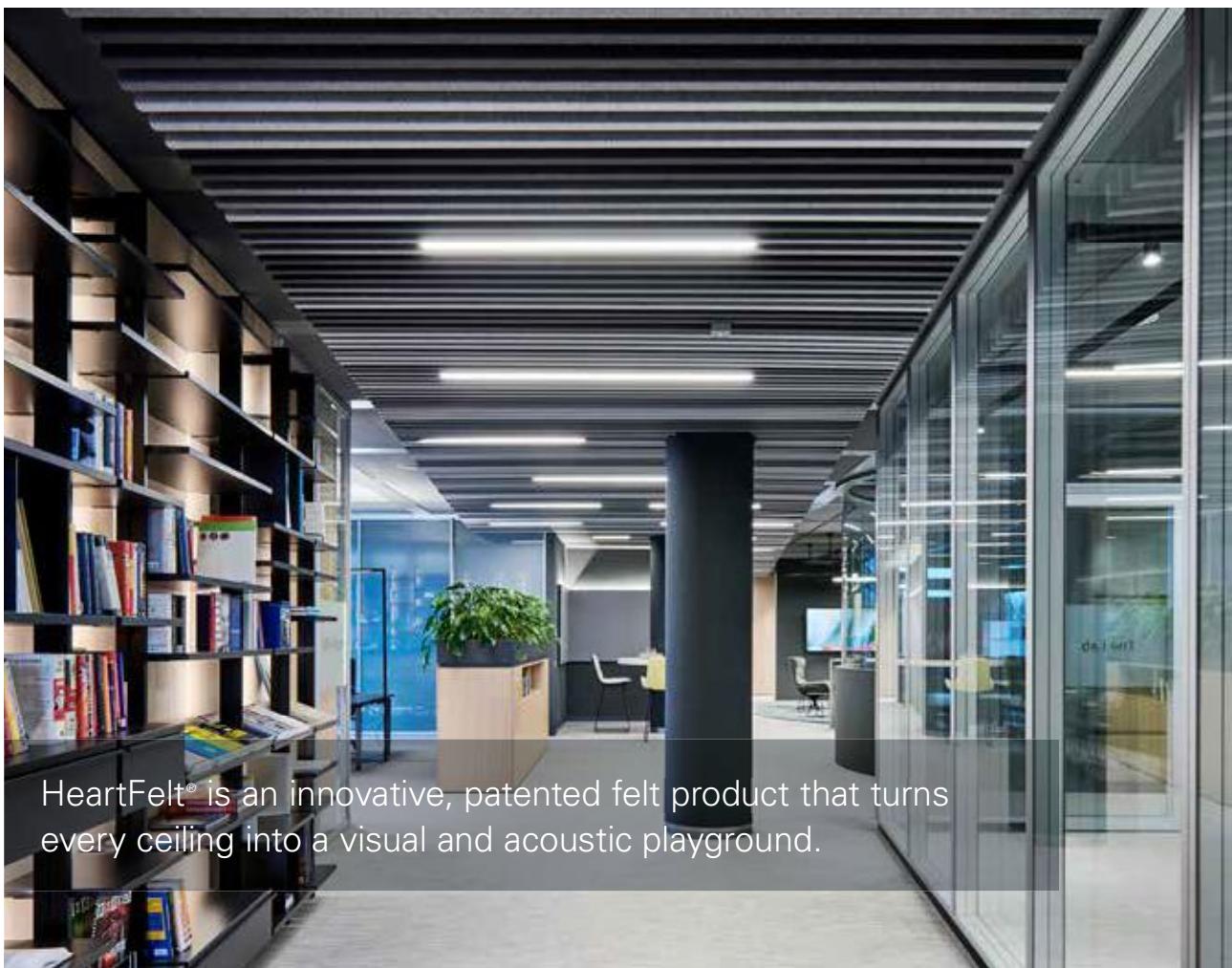
HEARTFELT® LINEAR 28

HEARTFELT® BAFFLES 32



HEARTFELT®
CEILINGS

LINEAR
HEARTFELT®



HeartFelt® is an innovative, patented felt product that turns every ceiling into a visual and acoustic playground.

Project: Office, Gutersloh, Germany - Product: HeartFelt® Linear

KEY FEATURES

- Modular ceiling system with felt panels
- Panel dimensions
Boxshaped : 40 x 55 mm, 40 x 80 mm and
40 x 105 mm
Rounded : 40 x 64 mm
- Panel length 1000 to 6000 mm
- Sixteen standard carrier modules to vary reveal (M50-M200) for acoustics and aesthetics
- Easy plenum access
- Interior applications
- Also available as wall solution
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



reddot award 2017
best of the best



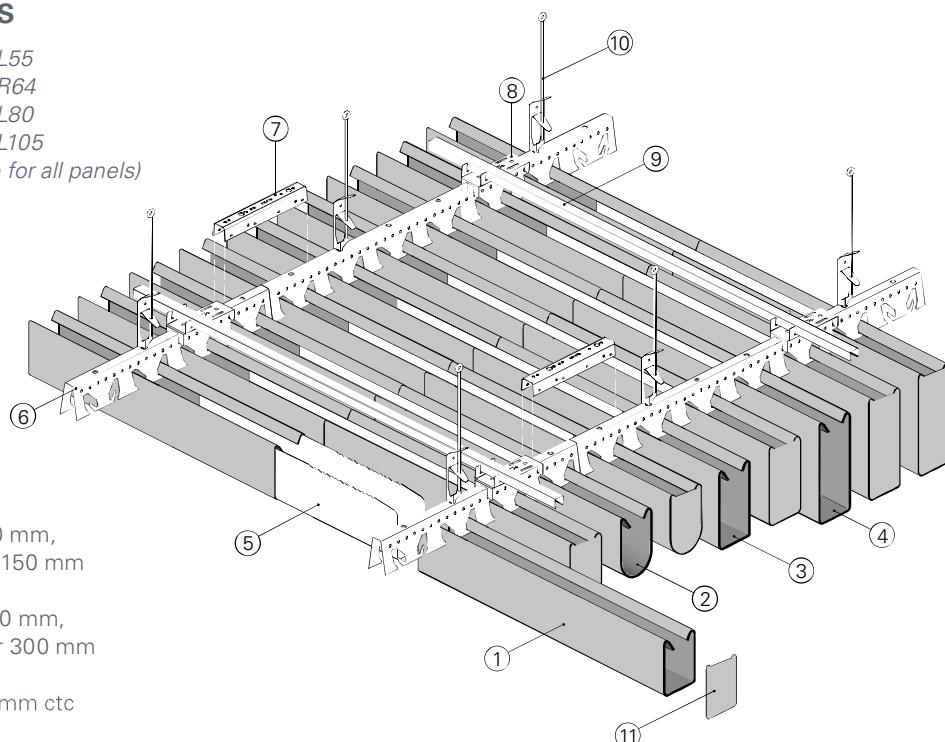
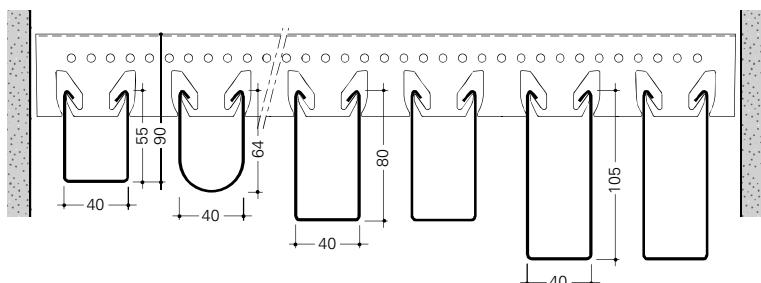
Production by Hunter Douglas Ceiling Center

E1

A+

TYPICAL ISOMETRICS

- 1 = HeartFelt® panel 40HL55
- 2 = HeartFelt® panel 40HR64
- 3 = HeartFelt® panel 40HL80
- 4 = HeartFelt® panel 40HL105
- 5 = Panel splice (available for all panels)
- 6 = Carrier
- 7 = Carrier splice
- 8 = Stabilisation bracket
- 9 = Stabilisation profile
- 10= Suspension
- 11= Endcaps

**TYPICAL SECTIONS**

40HL55 : 40 x 55 mm
40HR64 : 40 x 64 mm
40HL80 : 40 x 80 mm
40HL105: 40 x 105 mm

ACOUSTICS

See page 344 for acoustic performance information

PHYSICAL DATA

B-s1,d0



Varies with colour



40HL55 M50:
 $\alpha_w = 0.70$ (H)
40HL105 M200:
 $\alpha_w = 0.40$ (H)



40HL55 M50:
4.6 kg/m²
40HL105 M200:
1.3 kg/m²

OPTIONAL

Colours:
See page 30



Wall application
see page 276



Sports application
see page 304



Class B

COLOURS

Colours are for illustration purposes only.

SHADES OF GREY (40HL55, 40HR64, 40HL80 AND 40HL105)

White
7593



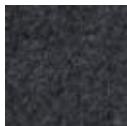
Light Grey
7596



Middle Grey
7597



Dark Grey
7598



Black
7594

EARTH TONES (ONLY 40HL55)

Creme
7575



Light Brown
7576



Medium Brown
7577



Dark Brown
7578



Umber
7579

ACOUSTICAL RATINGS - α_w **Panel 40HL55 and 40HR64**

| Module (mm) | Joint (mm) | Openness % | α_w |
|-------------|------------|------------|------------|
| M50 | 10 | 20% | 0.70 (H) |
| M60 | 20 | 33% | 0.65 (H) |
| M70 | 30 | 43% | 0.60 (H) |
| M80 | 40 | 50% | 0.50 (H) |
| M90 | 50 | 55% | 0.45 (H) |
| M100 | 60 | 60% | 0.45 (H) |

Panel 40HL55 (with Akotherm acoustical Lay-On pad)

| Module (mm) | Joint | Lay-On pad | α_w |
|-------------|-------|--------------------|------------|
| M80 | open | Akotherm 40 mm D20 | 0.85 |
| M80 | open | Akotherm 40 mm D40 | 0.90 |
| M80 | open | Akotherm 25 mm D20 | 0.70 |
| M80 | open | Akotherm 20 mm D40 | 0.75 (H) |
| M60 | open | Akotherm 40 mm D40 | 0.95 |
| M100 | open | Akotherm 40 mm D40 | 0.85 (H) |

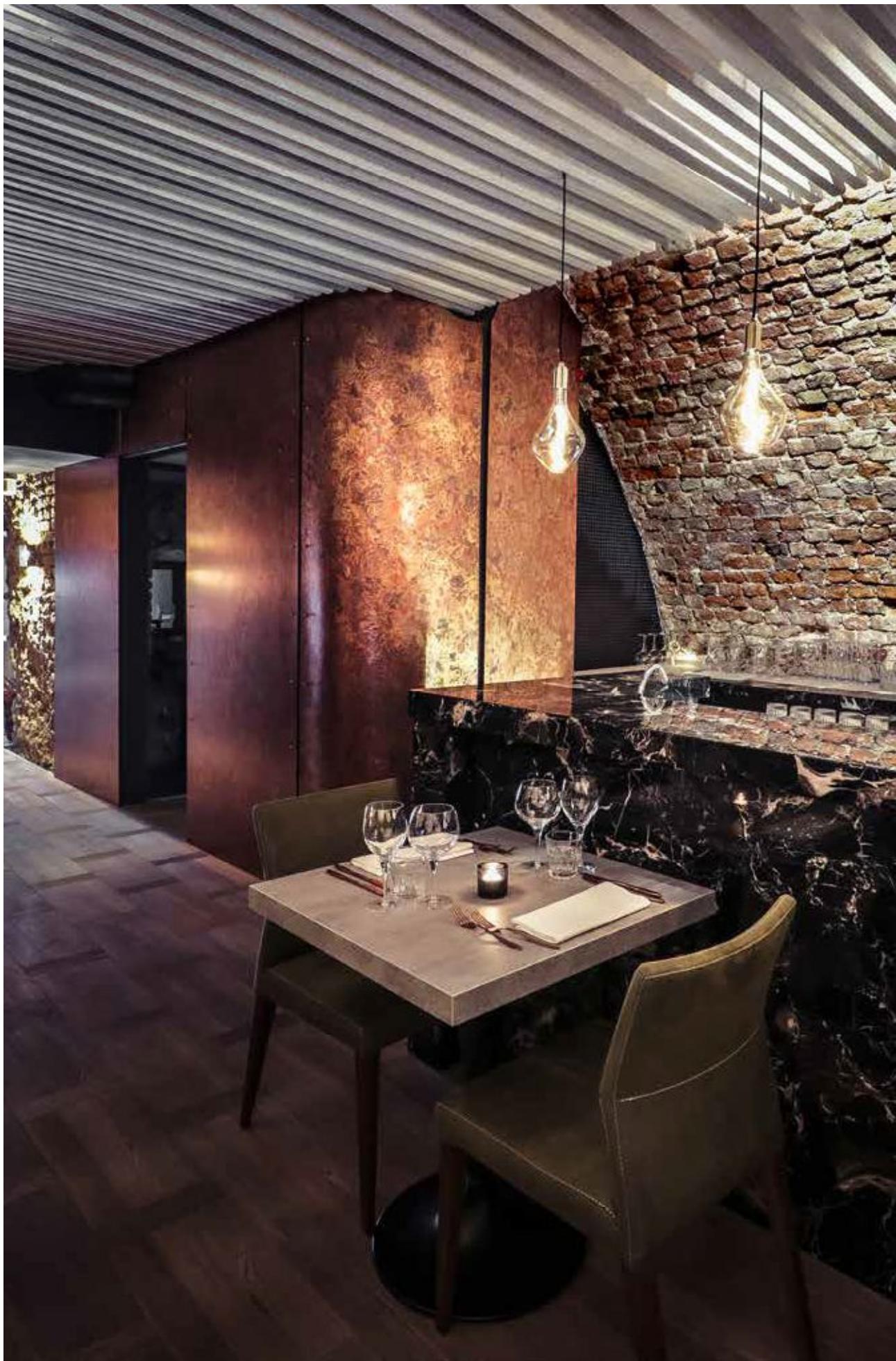
Report: Peutz A 3211-1E-RA-001

Panel 40HL80

| Module (mm) | Joint (mm) | Openness % | α_w |
|-------------|------------|------------|------------|
| M80 | 40 | 50% | 0.50 (H) |
| M90 | 50 | 55% | 0.47 (H) |
| M100 | 60 | 60% | 0.45 (H) |
| M150 | 110 | 73% | 0.40 (H) |

Panel 40HL105

| Module (mm) | Joint (mm) | Openness % | α_w |
|-------------|------------|------------|------------|
| M100 | 60 | 60% | 0.50 (H) |
| M110 | 70 | 64% | 0.48 (H) |
| M120 | 80 | 67% | 0.47 (H) |
| M150 | 110 | 73% | 0.42 (H) |
| M200 | 160 | 80% | 0.38 (H) |

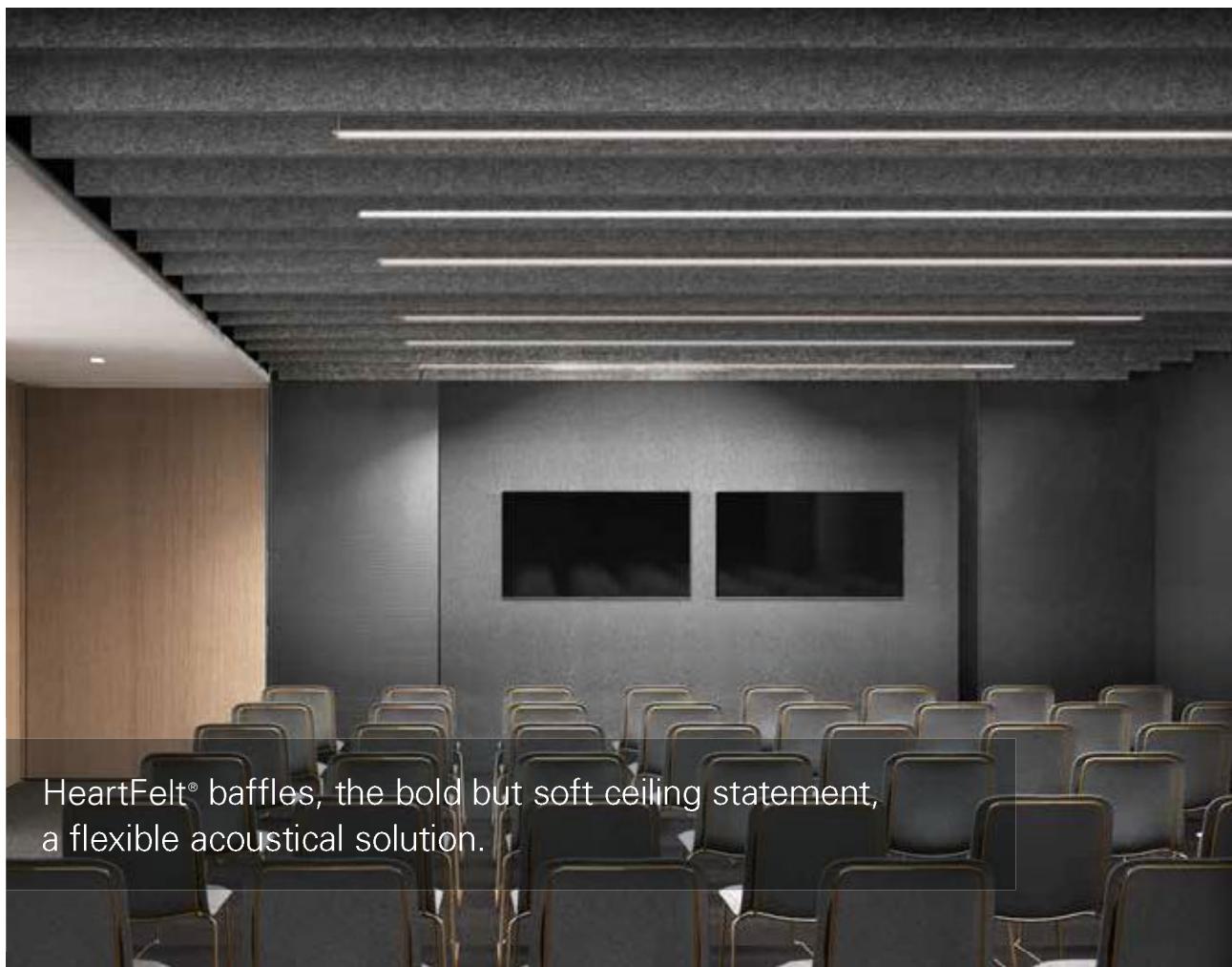


Project: Cantina di David, Utrecht, The Netherlands - Product: HeartFelt® Linear - Architect: Brendan Bakker



HEARTFELT®
CEILINGS

BAFFLES
HEARTFELT®



HeartFelt® baffles, the bold but soft ceiling statement,
a flexible acoustical solution.

Project: Visualisation Denton, Amsterdam, The Netherlands - Product: HeartFelt® Baffles - Architect: Studio Prototype

KEY FEATURES

- Profile lengths 200 mm to 2000 mm
- Standard dimensions 40 x 200 mm, 50 x 250 mm and 80 x 400 mm
- Other dimensions: on request
- Standard FE carrier 25 x 24 mm, black
- On site waste reduction with factory fabricated dimensional material
- Interior applications
- Easy plenum access



reddot winner 2020



Production by Hunter Douglas Ceiling Center

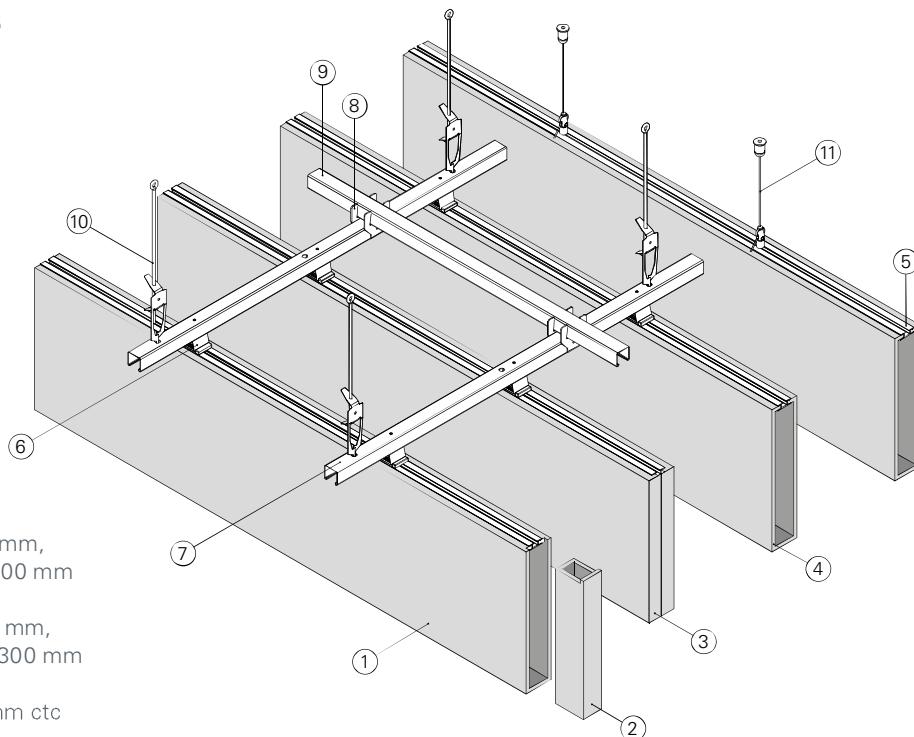
E1

A+

TYPICAL ISOMETRICS

- 1 = Baffle
- 2 = End cap
- 3 = Baffle (closed)*
- 4 = Baffle (Open)
- 5 = Mounting profile
- 6 = Mounting clip
- 7 = Carrier
- 8 = Stabilisation bracket
- 9 = Stabilisation profile
- 10 = Quick hanger
- 11 = Wire hanger

* Length restrictions



Maximum panel span 1900 mm,
maximum panel cantilever 500 mm

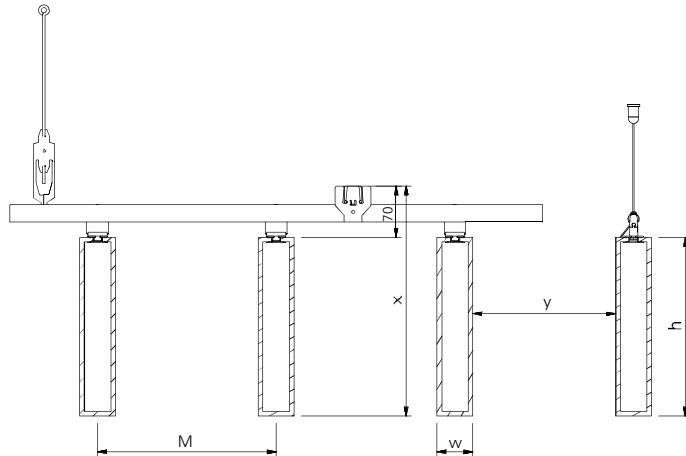
maximum carrier span 1200 mm,
maximum carrier cantilever 300 mm

Stabilisation profiles 2400 mm ctc

TYPICAL SECTIONS

$x = h+70$
 h = baffle height
 (100 - 500 mm)
 w = baffle width
 (40 - 80 mm)

M = module
 (recommended $w+h$)
 y = baffle distance
 (recommended h)



ACOUSTICS

See page 345 for acoustic performance information

PHYSICAL DATA



B-s1,d0
EN 13501-1



Varies with colour



50HB250 M250:
 $\alpha_w = 0.50$ (H)
 50HB250 M500:
 $\alpha_w = 0.45$ (H)



80HB100 M190:
 5.0 kg/m^2
 40HB500 M540:
 2.4 kg/m^2

OPTIONAL



Colours:
See page 34



Class B
EN 13964