KNAUF

# HERADESIGN® Superfine A2


HERADESIGN® Superfine A2 is an acoustic ceiling and wall panel that provides increased fire resistance.

- Non-combustible wood wool acoustic panel with reaction to fire according to DIN-EN 13501-1: A2-s1, d0
- Excellent acoustic performance
- Building biology recommended

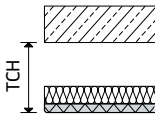
**Build on us.**

# HERADESIGN® Superfine A2

| Characteristics | Detailed information |
|---|---|
| System | A2.1, A2.2 / B2.1, B2.2 / C2.1 / S2.1 |
| Edge details * | VK-09; GK; AK-00; AK-01; AK-02/5; AK-02/10; AK-02/20; AK-03* (*only available in 35 mm); SK-04; SK-05; SK-06; SY-02 |
| *not all combinations edge/ board thickness are available | |
| Dimensions (mm) | 600 x 600, 625 x 625, 1200 x 600, 1250 x 625, additional sizes on request. |
| Thickness (mm) | 15, 25 |
| Weight (kg/m²) | 12.0 (15mm), 18.0 (25mm) |

Sound absorption

| Thickness (mm) | TCH (mm) | HERADESIGN® Acoustic lining (mm) | HERADESIGN® Acoustic lining (kg/m³) | Frequencies (Hz), $\alpha_p$ 125 | 250 | 500 | 1000 | 2000 | 4000 | Entire range NRC | $\alpha_w$ | Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 25 | 0 | 0 | 0.05 | 0.15 | 0.30 | 0.65 | 0.95 | 0.75 | 0.50 | 0.35 (MH) | D |
| 25 | 100 | 0 | 0 | 0.15 | 0.55 | 0.85 | 0.70 | 0.65 | 0.85 | 0.70 | 0.70 (H) | C |
| 25 | 100 | 50 | 50 | 0.40 | 1.00 | 0.95 | 0.80 | 0.80 | 0.90 | 0.90 | 0.85 (L) | B |
| 25 | 200 | 50 | 50 | 0.60 | 0.95 | 0.90 | 0.85 | 0.80 | 0.90 | 0.90 | 0.85 (L) | B |




*Other acoustic performances can be achieved.

| | |
|---|---|
| Ball impact safety | Ball impact resistant according to DIN 18 032 /part 3 or class 1A according to EN 13964 annex D, Ball impact resistant for panel thicknesses ≥ 25mm<br>• Ceiling panelling system B2.1, B2.2, C2.1<br>• Wall panelling system B2.1, B2.2 |
| Fire resistance class | EI 30 (a←b): detailed structure according to usability certificate |
| Reaction to fire | Euroclass A2-s1,d0 |
| Thermal conductivity | λ = 0.10 W/mK according to EN 12667 |
| Humidity resistance | Suitable for rooms with a constant humidity of up to 90%. |
| Application areas | A decorative and acoustically effective suspended ceiling and wall panel for use in interior spaces as well as roofed outdoor areas that are not directly exposed to environmental influences such as rain or pollutants. |
| Installation | The installation of HERADESIGN® acoustic panels should take place during the last phase of the job, and in temperature and humidity controlled conditions. All building activities which create dust must be completed before the start of installation. Store the panels flat and protect against moisture and dirt. The packaging does not protect the products against rain. HERADESIGN® products should be installed in strict accordance with Knauf Ceiling Solutions installation and storage guidelines. |
| Designation code | WW-EN 13168-L4-W2-T2-S2-P2-Cl3 |
| Special information | • Manufacturing tolerances in nominal dimensions: L4, W2, T2: ± 1mm, for lengths > 1250mm L4: ± 2mm<br>• Maximum changes in dimension in standard climate 23° C/50 % relative humidity: ±1 ‰ |
| Cleanability | |

## Colours

### Standard colours

White* Nature** Black***

### Vario Design Colours

Granite Steel Green Marble Copper Oak Brass Sandstone Concrete

*similar to RAL 9010
**similar to RAL 1015
***similar to RAL 9005

• Other colours from popular RAL and NCS colour systems are available.
• Deviations in colour and visual appearance may occur due to the rough fibre and panel surface.

Sustainability

on demand

www.blauer-engel.de/uz132