# Knauf DANOLINE

# DANOloft®
## ACOUSTICAL PANELS FOR WALLS AND CEILINGS

- ✓ Ready-to-install acoustic panels
- ✓ Great indoor comfort with minimum effort
- ✓ Monolithic surface
- ✓ Time and cost saving installation in a few steps
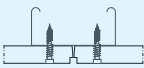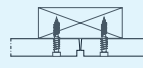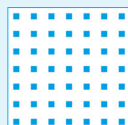- ✓ Sustainable

**FEATURES**
- Pre-painted panels
- Wall and ceiling mount
- Installation through panel with white-painted screws
- Installation depth down to 40mm
- Certified fire resistance

**SUSTAINABLE PRODUCT:**
- Made of gypsum
- Safe material
- 100% recyclable
- Improved indoor climate
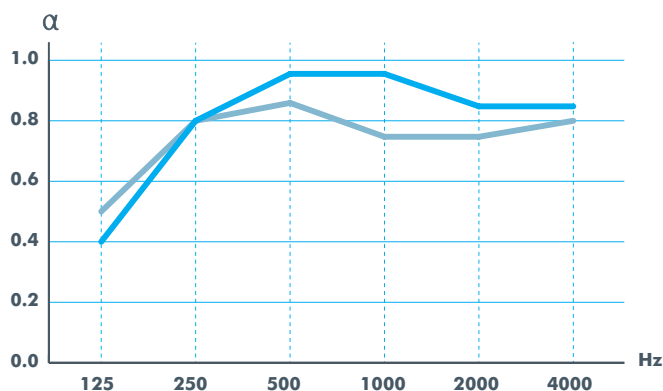- Repaintable without loss of acoustics

100% RECYCLABLE

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## ACOUSTICAL PANELS FOR WALLS AND CEILINGS

**KNAUF DANOLINE**

## PRODUCT SPECIFICS

| | | |
|---|---|---|
| **EDGE DESIGN** | **EDGE B+, on steel**<br>discreet joints | **EDGE B+, on wood**<br>discreet joints |
| **PERFORATION DESIGN** | | |
| **PERFORATION MEASURES** | **UNITY 3**<br>Square 3.5 x 3.5 mm<br>c/c 8.33 mm | |
| **PERFORATION %** | 17.2% | |
| **NRC** | 65 mm construction +45mm mineral wool: 0.90<br>200 mm construction no mineral wool 0.80 | |
| **ALPHA-W** | 65 mm construction +45mm mineral wool: 0.95<br>200 mm construction no mineral wool: 0.80 | |
| **TILE WEIGHT,** kg/m² | 9.20 | |
| **SIZES,** mm | 600 x 600 x 12.5 | |
| **SURFACE TREATMENT** | Front: White acrylic paint, RAL 9003, gloss 5. Back: Acoustic felt backing.<br>Available in other colours on request.<br><br>Also available with hygienic Medifend surface paint on request. Medifend has antibacterial and fungistatic effect. Tested in accordance with DIN ISO 846, method B and B'. | |
| **SUBSTRUCTURE & ACCESSORIES** | Installed on wood (min. 60 mm furring) or steel (min. 50 mm furring)<br>Screw-fixed using DANOloft® white-painted screws | |
| **CERTIFICATES** | Danish Indoor Climate Labelling | |

## PRODUCT PERFORMANCE

**ACOUSTICS**



| | | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|---|---|---|---|---|---|---|---|
| **UNITY 3**<br>65 mm suspension,<br>45 mm mineral wool | | 0.40 | 0.80 | 0.95 | 0.95 | 0.85 | 0.85 |
| **UNITY 3**<br>200 mm suspension, no mineral wool | | 0.50 | 0.80 | 0.85 | 0.75 | 0.75 | 0.80 |

**FIRE RATING**
A2-s1, d0
Class 1; $K_1 10$, A2-s1, d0

**AIR QUALITY**
Indoor value: 10 days
Particle emission: LOW
Active air purification with Cleaneo technology

**AMBIENT CONDITIONS**
Can withstand:
- constant RH 70% and 25°C
- periodic RH 90% and 30°C
- ambient temperatures of up to 50°C.

**LIGHT REFLECTION**
69.2%

**LOAD-BEARING CAPACITY**
Up to 3 kg per tile.

**ROBUSTNESS**
Glass fibre reinforced gypsum. High pressure resistance. Highly stable ceiling ensured by tile density.