

# SOLOPANEL

ACOUSTICAL PANELS FOR WALLS & CEILINGS

- ✓ Monolithic, seamless look
- ✓ Coherence between walls and ceiling
- ✓ Sustainable

## FEATURES











- Unpainted panels
- Wall and ceiling mount
- Jointing and paint on site
- Screw-fixing on steel
- No visible joints after finishing

## SUSTAINABLE PRODUCT:

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



## PRODUCT VARIANTS

PERFORATION DESIGN								
PERFORATION MEASURES	<b>G6/18</b> Circles Ø6mm, c/c 18	<b>G8/18</b> Circles Ø8mm, c/c 18	<b>G10/23</b> Circles Ø10mm, c/c 23	<b>G12/25</b> Circles Ø12mm, c/c 25	<b>G15/30</b> Circles Ø15mm, c/c 30	<b>Q8/18</b> Square 8x8mm, c/c 18	<b>G8/12/50</b> Circles Ø8 & Ø12mm, c/c 50	<b>G12/20/66</b> Circles Ø12 & Ø20mm, c/c 66
EDGE DESIGN	SIZES, mm							
 <b>UFF EDGE</b>	1188x1998	1188x1998	1196x2001	1200x2000	1200x1980	1188x1998	1200x2000	1188x1980
 <b>MF EDGE</b>	-	1188x1998	1196x2001	1200x2000	-	-	-	1188x1980
PERFORATION %	8.7	15.5	14.8	18.1	19.6	19.8	13.1	19.6
NRC, @ 200mm no mineral wool	0.45	0.60	0.60	0.65	0.65	0.65	0.60	0.65
NRC, @ 200mm + 20mm mineral wool	0.45	0.65	0.65	0.70	0.70	0.70	0.65	0.70
ALPHA-W, @ 200mm no mineral wool	0.45	0.60	0.60	0.65	0.65	0.65	0.60	0.60
ALPHA-W, @ 200mm + 20mm mineral wool	0.50	0.65	0.65	0.70	0.70	0.75	0.65	0.70
PANEL WEIGHT, kg/m <sup>2</sup>	8.80	8.10	8.20	7.90	7.80	7.70	8.40	7.80
SURFACE TREATMENT	Front: Unpainted cardboard surface Back: Acoustic felt backing							
SUBSTRUCTURE	Installed on steel (min. 50 mm furring for G6/18, G8/18, G10/23 and Q8/18) (min. 60 mm furring for G12/25, G15/30, G8/15/20 and G12/20/66)							
CERTIFICATES	Danish Indoor Climate Labelling							

## PRODUCT PERFORMANCE

### FIRE RATING

A2-s1, d0  
UL-listed in accordance to R26164

### AIR QUALITY

Indoor value: 10 days  
Particle emission: LOW  
Air purification with Cleaneo technology

### LOAD-BEARING CAPACITY

Up to 3 kg per m<sup>2</sup>.

### AMBIENT CONDITIONS

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

### ACCESS TO INSTALLATIONS

Easy access to installation services allowed using Knauf Danoline access panels.

### ROBUSTNESS

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