KNAUF DANOLINE

Rold12
DEMOUNTABLE ACOUSTICAL CEILING

/ Three-dimensional surface

/ No visible grid look

/ Individual surface designs
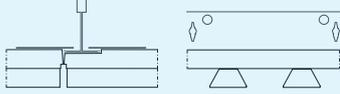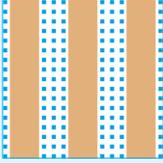
/ Top fire classification

/ Sustainable

FEATURES

/ Gypsum strips on perforated ceiling tile
/ Installed in concealed T-grid
/ Each tile demountable
/ Non-combustible material

SUSTAINABLE PRODUCT:

/ Made of gypsum
/ Safe material
/ 100% recyclable
/ Improved indoor climate

100% RECYCLABLE

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PRODUCT SPECIFICS

EDGE DESIGN	 **EDGE D+** Concealed grid
SURFACE DESIGN	 **UNITY 3 PERFORATION:** Square 3.5x3.5 mm, c/c 8.33 mm **GYPSUM STRIPS:** 12 strips, glued to perforated tile @ c/c 50mm
TILE SIZE, mm	600x600x12.5
STRIP SIZE, mm	600x24.5x12.5
PANEL WEIGHT, kg/m^2	12.5
SURFACE TREATMENT OF THE TILE	Front of the tile: White acrylic paint, RAL 9003, gloss 5. Back: Acoustic felt backing. Galvanised metal clips.
SURFACE TREATMENT OF STRIPS	Oak white print
NRC, @ 200mm, no mineral wool	0.80
NRC, @ 200mm, 50mm mineral wool	0.90
ALPHA-W, @ 200mm, no mineral wool	0.80
ALPHA-W, @ 200mm, 50mm mineral wool	0.90
SYSTEM COMPONENTS	1) Gypsum ceiling tile, 2) T24/38 main runner, 3) Primary profile PP200, 4) Hangers

PRODUCT PERFORMANCE

FIRE RATING
A2-s1, d0

AIR QUALITY
Active air purification with Cleaneo technology
A+ classification for VOC emission according to ISO16000-9

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

LOAD-BEARING CAPACITY
Up to 1 kg pr. tile (at max. 2mm deflection)

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

VENTILATION
Suitable as ventilation ceiling with concealed air inlet.