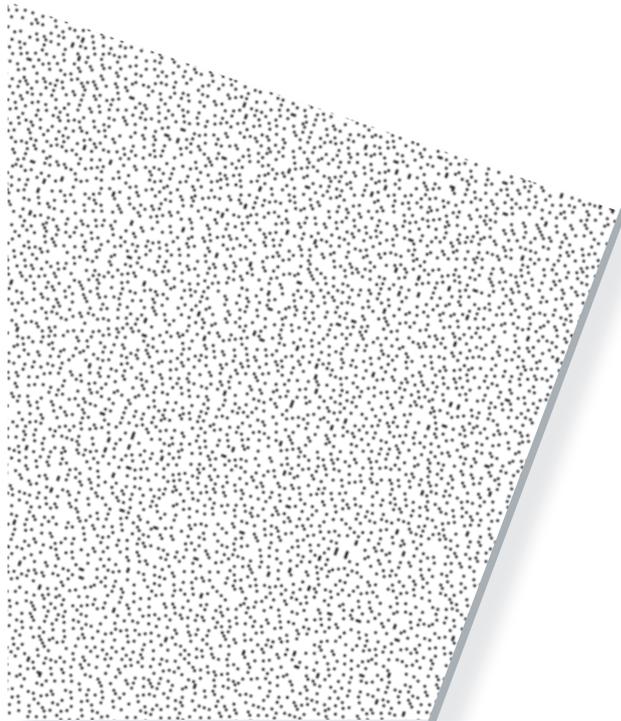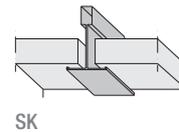# ECOMIN Orbit

■ Ceiling tiles made from new generation bio-soluble mineral wool, clay and starch with excellent fire resistance and acoustic performance.
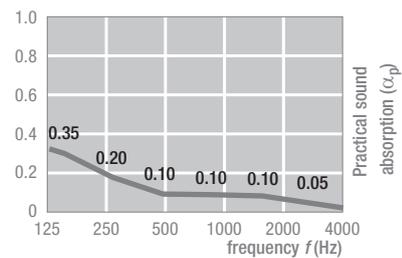
SYSTEM	**C** Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600, 625 x 625, tolerances as per EN 13964
Thickness / Weight	■ nom. 13 mm (c. 3.6 kg/m²)
Colour	■ White similar to RAL 9010
Edge details	■ SK

SK

TECHNICAL PERFORMANCE

Reaction to fire	■ A2-s1, d0 as per EN 13501-1
Sound absorption	■ EN ISO 354 α_W = 0.10(L) as per EN ISO 11654 *NRC* = 0.15 as per ASTM C 423
Light reflectance	■ Up to 88%
Thermal conductivity	■ λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity	■ Up to 70% RH

Practical sound absorption (α_p)

0.35	

0.20

0.10   0.10   0.10   0.05

frequency *f* (Hz)

125 250 500 1000 2000 4000

ISO 9001 AMF ISO 14001

RAL GÜTEZEICHEN MINERALWOLLE

DER BLAUE ENGEL weil emissionsarm schützt die GESUNDHEIT

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