

Karolam Ceiling Tile

Technical Data Sheet 12/2023

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Ceiling Tile

Product Description

Light weight gypsum ceiling tiles with high surface quality, front face is covered with white PVC and back face with aluminium sheet. It can be also be produced as moisture resistant gypsum board type upon request.

Storage

- Packages should be carried carefully.
- Packages should be kept on dry, clean and smooth surfaces.
- Avoid water contact.

Standards referred to

TS EN 14190

Fields of Application

- Modular suspended ceilings

Properties

- Moisture resistance
- Easy to clean
- Dry and easy application
- Time saving

General Data

Description	Thickness (mm)	Weight (kg/m ²)	Width (mm)	Length (mm)	Packaging (pcs.)	Material Number
Karolam Gypsum Board (White)	8	5,5-6	600	600	10	141224
Karolam Gypsum Board (Fasarit)	8	5,5-6				141227
Karolam Gypsum Board (Grizzeled)	8	5,5-6				146966
Karolam Gypsum Board (White)	9,5	7				141226
Karolam Moisture Resistant Gypsum Board (White)	9,5	7				141230
Karolam Moisture Resistant Gypsum Board (Fasarit)	9,5	7				141231
Karolam Moisture Resistant Gypsum Board (Grizzeled)	9,5	7				171068
Karolam Gypsum Board (Küre White)	8	5,5-6				596579
Karolam Gypsum Board (Küre Silver)	8	5,5-6				596580
Karolam Gypsum Board (Küre Gold)	8	5,5-6				596581

Technical Data

Description	8 mm	9,5 mm
Bending tensile strength - longitudinal direction (N) (TS EN 520)	≥ 134	≥ 400
Flexural breaking load - transverse direction (N) (TS EN 520)	≥ 344	≥ 160
Reaction to fire (TS EN 520 Appx.B)	B - s1, d0	
Water vapour diffusion resistance μ	10	
Thermal conductivity λ (W / mK)	0,25	
Width tolerance (mm)	0, -4	
Length tolerance (mm)	0, -5	
Thickness tolerance (mm)	± 0,5	
Angularity tolerance (mm)	≤ 2,5	

System Performance Values

Performance values as sound insulation, fire resistance etc. may differ acc. to the drywall system to be applied. Please check the performance values of the drywall systems;

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Application

Application should be done acc. to the applicable standards (TS 1475) and acc. to the Knauf Technical Brochures of the respective drywall system.

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