

Thermoacoustic panel for metal radiant ceilings GK Classic

Datasheet
0417EN  12/2020

The K820 thermoacoustic panel is for use with GK Classic suspended radiant ceiling panels to thermally insulate the room from the plenum and absorb noise from above.

It is made 100% of black polyester fiber irreversibly thermo-bound.

K820 panels are easy to lay and require very little maintenance.

Their enhanced density and thickness guarantee the best performance in traditional indoor applications.

The material used (polyester fiber) allows for a wide range of maintenance operations, including water flushing followed by centrifugal drying; this intervention may be required after a few years to disinfect or simply clean the panel from dust and foreign matters.

Versions and product codes

SERIES	PRODUCT CODE	DIMENSIONS OF RADIANT CEILING MODULES [mm]	RADIANT CEILING SERIES	PANEL VERSION FOR RADIANT CEILING	K820 PANEL DIMENSIONS [mm]
K820	K820X006	600 x 600	GK Classic	K6, K6C, K6L, K6LC	595 x 595 x 20
	K820X007	600 x 1200		K12, K12C, K12L, K12LC	595 x 1195 x 20

➤ Main features

- For GK Classic metal radiant ceilings
- Hygroscopicity: 0,1 % of total weight
- Resistance to water: no flaking or decay of the original characteristics
- Combustion gas: no acids (AFNOR X 70-100)
- Odors: absent

➤ Technical data

- Thickness: 20 mm
- Density: 20 kg/m³
- Thermal conductivity: 0,03 W/m K
- Sound absorption α_w : 0,64 (250 Hz); 0,78 (500 Hz); 1,06 (1000 Hz); 0,98 (2000 Hz)
- Resistance to vibrations: no particle detachment after 1 million cycles at 50 Hz

Materials

- 100 % thermo-bound polyester fiber

➤ Product specifications

K820X006

Thermoacoustic panel made of black polyester fiber, reaction to fire class B-s2-d0. For use with GK Classic panels (K6, K6C, K6L and K6LC). Thermal conductivity: 0,03 W/m K. Density 20 kg/m³. Dimensions 595 x 595 mm. Thickness 20 mm.

K820X007

Thermoacoustic panel made of black polyester fiber, reaction to fire class B-s2-d0. For use with GK Classic panels (K12, K12C, K12L and K12LC). Thermal conductivity: 0,03 W/m K. Density 20 kg/m³. Dimensions 595 x 1195 mm. Thickness 20 mm.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ℹ Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.