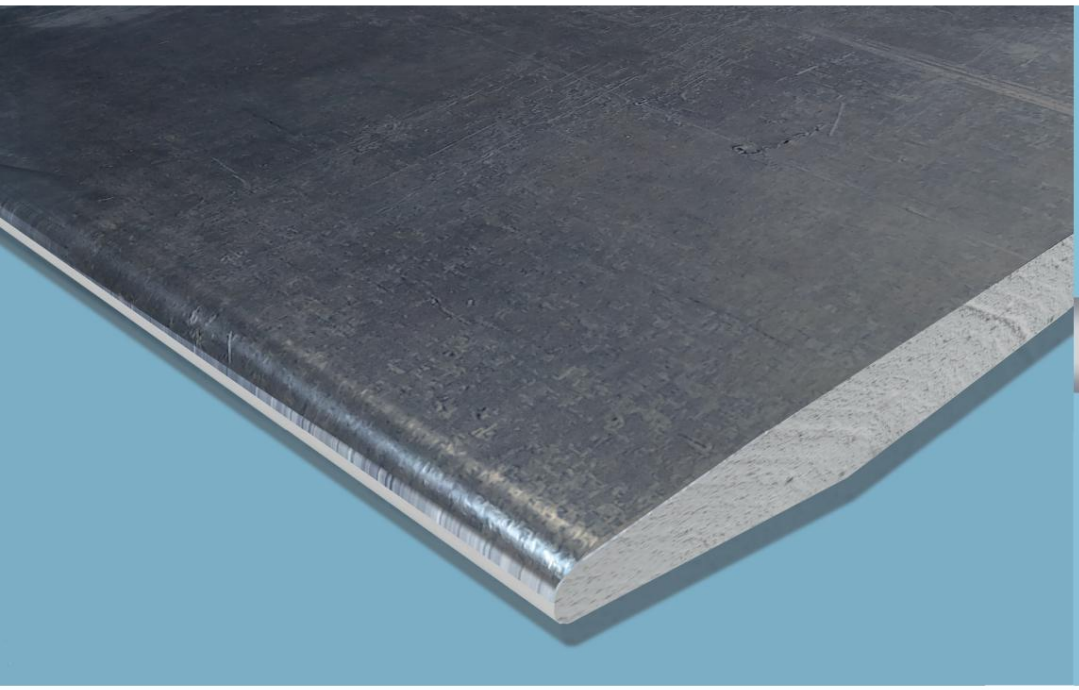
Machine Translated by Google



K738.es

Product sheet 01/2021

g - UNE-EN 14190 - DIN 18180

Knauf Anti-radiation RX

Anti-radiation lead laminated plasterboard

Product description

Laminated plasterboard with a lead sheet adhered to the back that protects against X-ray radiation.

ÿ Plate type:
UNE-EN 14190 g

ÿ Cardboard color (face): beige
ÿ Label ink: black

Typology
12.5 mm CC plate

Quality
The product is manufactured in accordance with UNE-EN 14190. It is subject to initial type testing and factory production control, which grant it the CE marking.

Storage
In dry places, on pallets.

Scope

Knauf Anti-Radiation RX panels are used in interior construction systems within hospitals or industrial environments where protection against X-rays is required.

Systems:

ÿ K131.es Anti-radiation Partition
ÿ K152.es Anti-radiation cladding
ÿ K112.es Anti-radiation suspended ceiling

Properties

ÿ X-ray protection
ÿ Good cohesion of plaster at high temperatures
ÿ Non-combustible
ÿ Good sound insulation
ÿ Little shrinkage and swelling with climate changes

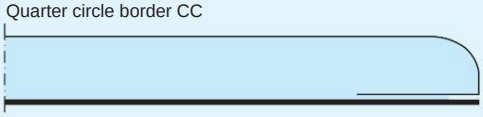
Measurements and packaging

Description	Width mm	Length mm	Thickness mm	Packaging unit	Code
Anti-radiation RX 0.5	600	2600	12.5 + 0.5 Pb	15 units/pallet 23.4 m2 /pallet	83026
Anti-radiation RX 1.0			12.5 + 1.0 Pb		56261
Anti-radiation RX 1.5			12.5 + 1.5 Pb		83047
Anti-radiation RX 2.0			12.5 + 2.0 Pb		83048
Anti-radiation RX 2.5			12.5 + 2.5 Pb		83049
Anti-radiation RX 3.0			12.5 + 3.0 Pb		54191

K738.es Knauf Anti-Radiation RX

Anti-radiation lead laminated plasterboard

Technical data

Description	Unit Value		Rule
Plate type	-	DF g	UNE-EN 520 UNE-EN 14190
Reaction to fire (UNE-EN 13501-1)	Class	A2-s1, d0 (C.3)	UNE-EN 14190
Longitudinal edge covered with cardboard	-	Quarter circle border CC 	UNE-EN 520
Transverse edge without cardboard	-	BCO cut edge 	UNE-EN 520
Width tolerance	mm	+0 / -4	UNE-EN 520
Length tolerance	mm	+0 / -5	UNE-EN 520
Thickness tolerance	mm	+0.5 / -0.5	UNE-EN 520
Orthogonality tolerance	mm/m ÿ 2.5		UNE-EN 520
Water vapor resistance factor ÿ (Plate): Dry Wet	-	 10 4	UNE-EN ISO 10456
Water vapor resistance factor ÿ (Lead sheet): Dry Wet	-	 ÿ ÿ	UNE-EN ISO 10456
Thermal conductivity ÿ: Laminated plasterboard Lead sheet	W/(mÿK)	 0.23 35	UNE-EN ISO 10456
Measures: Thickness Width Length	mm	 12.5 600 2600	-
Approximate weight: Anti-radiation plate RX 0.5 Anti-radiation plate RX 1.0 Anti-radiation plate RX 1.5 Anti-radiation plate RX 2.0 Anti-radiation plate RX 2.5 Anti-radiation plate RX 3.0	kg/m2	 16 21.6 27.3 33 38.6 44.3	-
Maximum operating temperature	ºC	ÿ 50 (sometimes up to 60)	-

Note:

Knauf Anti-radiation RX panels must be mounted according to the specifications in the "Knauf Security Systems" catalogue.

Knauf Anti-radiation RX panels are fixed to the metal structure with Knauf screws.

The self-adhesive lead tapes attached to the back of the profiles must have a thickness equal to or greater than that of the lead sheet of the plates.

For the installation of mechanism boxes, sockets and switches, use Knauf lead boxes for protection.

Knauf

Contact telephone number:

Tel.: 900 106 114

knauf@knauf.es

www.knauf.es

Dry Construction Systems Avenida de Burgos, 114 6th Floor, 28050 Madrid

The technical documentation is subject to constant updates; please always consult the latest version on our website: www.knauf.es

All rights reserved. Reproduction in whole or in part is prohibited without the authorization of Knauf GmbH Spain. We guarantee the quality of our products. The technical, physical, and other data contained in this data sheet are the result of our experience using Knauf systems and all their components that comprise an integral system. The data on consumption, quantities, and method of work are derived from our experience in assembly, but are subject to variations that may arise due to different assembly techniques, etc. Due to the difficulty involved, it has not been possible to take into account all building regulations, rules, decrees, and other documents that could affect the system. Any change in assembly conditions, use of another type of material, or variation in relation to the conditions under which the system was tested may alter its performance, and in this case, Knauf is not responsible for the consequences thereof.

The structural, static, and physical characteristics of Knauf systems can only be achieved and guaranteed by using materials marketed by Knauf and following the assembly instructions in our technical sheets.