KNAUF

KNAUF DE COLOMBIA S.A.S

NIT 900.488.297

CERTIFY

THE KNAUF BOARD RF (Fire Resistant) Manufactured, it is a quality panel for walls in indoor environments. KNAUF BOARD RF cut easily without special handling care required. The sheets have a chamfer along their wrapped edge for easy finishing with hardened edges that receive and support the handling given on site and subsequent installation.

They are composed of a core of gypsum reinforced with glass fibers, which makes it resistant to high temperatures, good performance in the presence of fire, encased in front and back cardboard paper 100% recycled. The front paper is folded around the long edges to reinforce and protect the core, the cut edges are at a 90 ° angle and with a smooth profile to the touch.

The KNAUF RF sheet, due to its composition and specific configuration, provides work stability in permanent buildings, characteristics of the light construction system. Product Size is 15.9 mm (5/8 inch) sheets in thickness x 1220mm (4 feet) wide and 2440mm (8 feet) in length.

.

Rafael Deaguas Diaz

Quality & Process Manager

KNAUF DE COLOMBIA S.A.S.

KNAUF DE COLOMBIA SAS

NIT 900.488.297

DATA SHEET

LABORATORY ANALYSIS - RESULTS

Internal Product Reference RF4812KP

Sampling frequency: According to INTERNAL procedure KNAUF

Conditioning: According to STANDARD Procedure KNAUF

Test	Reference	Result
Longitunal Breaking load	>205N (>46 Lbf)	Fullfill
Transverse Breaking load	>609N (>137 Lbf)	Fullfill
Edge Hardness	>11 Lbf (49N)	Fullfill
Width	1220 - 3,2 mm	Fullfill
Lenght	2440 +/- 6,0 mm	Fullfill
Squarenness	< a +/- 3,0 mm	Fullfill

Test	Reference	Result
Thickness	15.8+/- 0.80 mm	Fullfill
Fire resistance (DIN 1364-1)	>90 Min Direct flame Exposure	Fullfill >90min
Smoke Optical Density (ASTM E662)	Baja emisión de Humos	Fullfill – Low emtions of fog
Flame propagation Index (IRAM 11910-1:1994 HOm as ASTM E162:1994)	Baja Propagación de llama	Fullfill – Low propagation flame material(RE2)

Certify

Rafael Deaguas Diaz

Quality & Process Manager

KNAUF DE COLOMBIA S.A.S.