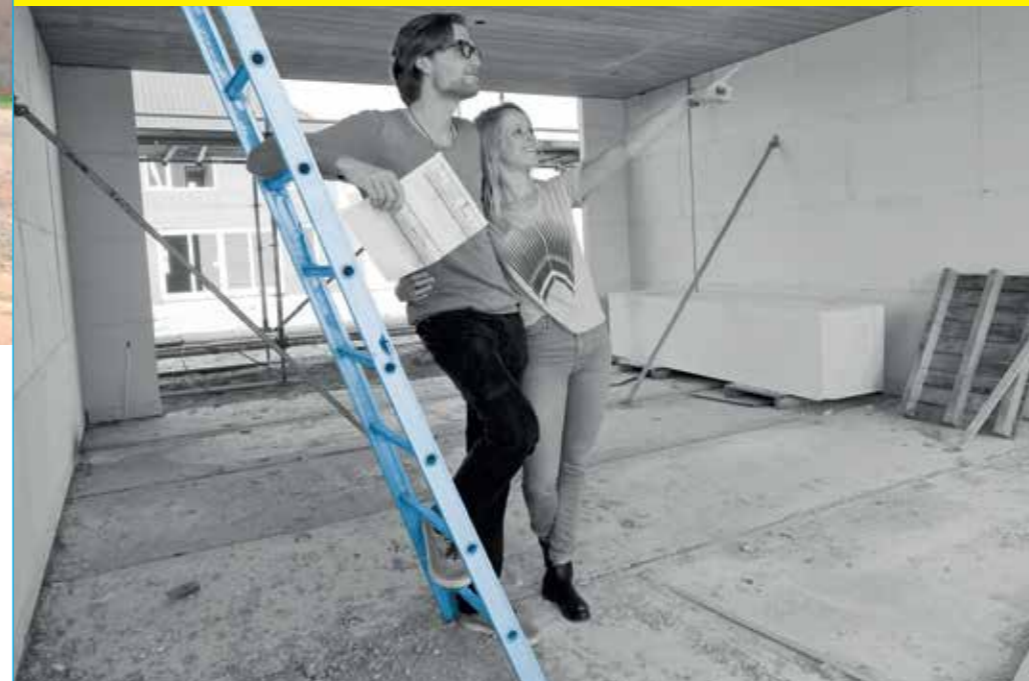


PROJECTS

Our Technical Department is made up of qualified acoustic technicians who specialise in carrying out preliminary analyses to establish the feasibility of specific soundproofing projects. We are able to simulate the final results of a detailed acoustic project as part of an architectural design project.



# K-FONIK OPEN CELL 240



K-FONIK\_V1\_0220

## ACOUSTIC INSULATION

K-FONIK OPEN CELL 240 Sound Insulation For HVAC/R And Equipments Solution For Acoustic Comfort





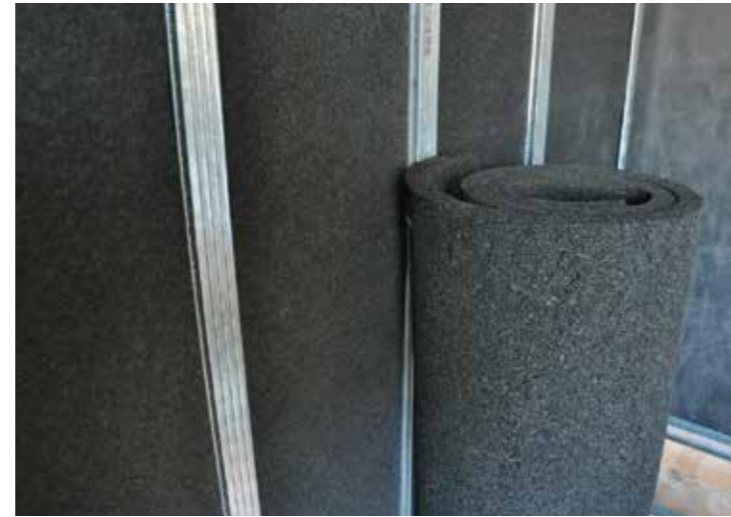
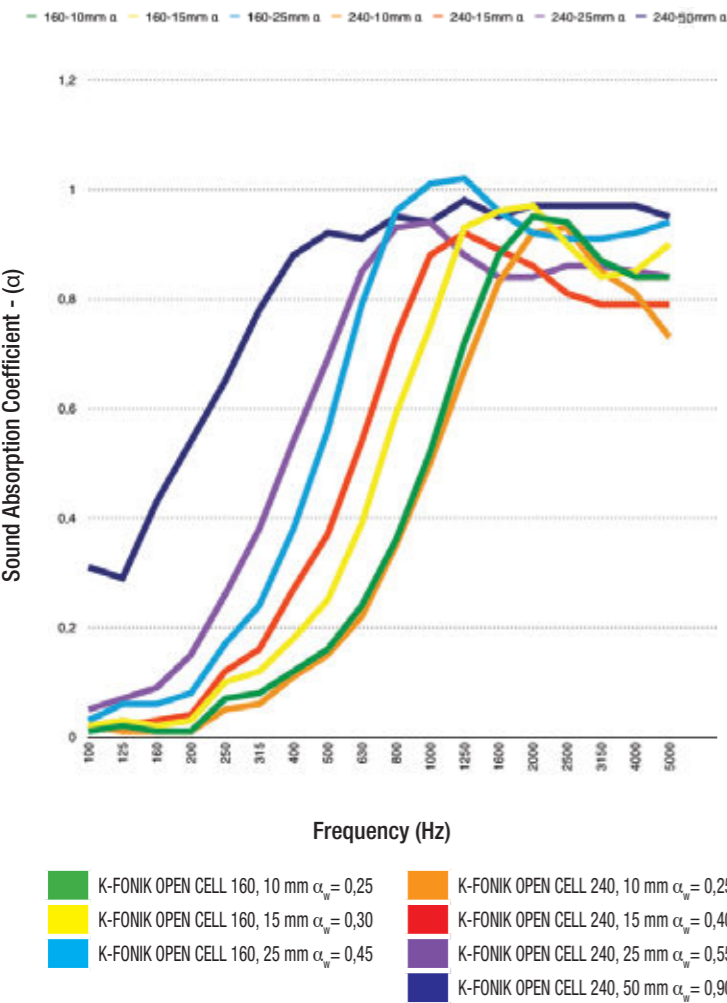
# K-FLEX K-FONIK OPEN CELL

K-FONIK OPEN CELL is an open cell Flexible Elastomeric Foam designed for sound absorption. Its viscoelastic properties, open cell structure and good air flow resistance make it excellent for acoustic insulation in building, HVAC/R, pipes and industrial applications. It combines excellent acoustic performances and insulation characteristics.

## APPLICATION

K-FONIK OPEN CELL is ideal for sound absorption application; industrial pipes, building, OEM products and HVAC/R.

## ACOUSTIC PERFORMANCE



K-FONIK OPEN CELL	
<b>Material</b>	Flexible elastomeric foam open cell
<b>Density</b>	OPEN CELL 160: $\geq 100 \text{ kg/m}^3$ OPEN CELL 240: $240 \text{ kg/m}^3 (-20 / +120 \text{ kg/m}^3)$
<b>Thermal conductivity</b>	OPEN CELL 240: $0,056 \text{ W/(m}\cdot\text{K)}$ OPEN CELL 160: $0,048 \text{ W/(m}\cdot\text{K)}$ EN 12667
<b>Fire classification</b>	C-s3,d0 Class 1 EN 13501-1 BS 476 Part 6/7
<b>Temperature range</b>	-40 °C to +85 °C
<b>Base colour</b>	Black
<b>Modulus (MPa)</b>	$22 \pm 3,7 (160) - 57,7 \pm 8,0 (240)$
<b>Elongation to break (%)</b>	$114 \pm 33 (160) - 140 \pm 47 (240)$
<b>Insertion loss</b>	K-FONIK 160 10mm $R_w = 5 \text{ dB}$ K-FONIK 160 15mm $R_w = 8 \text{ dB}$ K-FONIK 160 25mm $R_w = 9 \text{ dB}$ K-FONIK 240 10mm $R_w = 8 \text{ dB}$ K-FONIK 240 15mm $R_w = 10 \text{ dB}$ K-FONIK 240 25mm $R_w = 14 \text{ dB}$

## RANGE

### K-FONIK 160 - 240

from 10 to 350 mm

Please see the price list for the full range

## K-FONIK OPEN CELL

Thickness	Dimensions	Packaging
6mm	1m x 1m	16pcs/ctn
10mm	1m x 1m	10pcs/ctn
15mm	1m x 1m	6pcs/ctn
20mm	1m x 1m	5pcs/ctn
25mm	1m x 1m	4pcs/ctn
30mm	1m x 1m	3pcs/ctn
50mm	1m x 1m	2pcs/ctn

## K-FONIK OPEN CELL 240

"K-FLEX is the world's leading manufacturer of elastomeric insulation systems. In fourteen production facilities around the world, including Poland, France, China, India, Korea, Malaysia, Dubai, Egypt, the UK and the USA some 2,500 employees develop and manufacture outstanding product solutions for thermal and acoustic insulation.

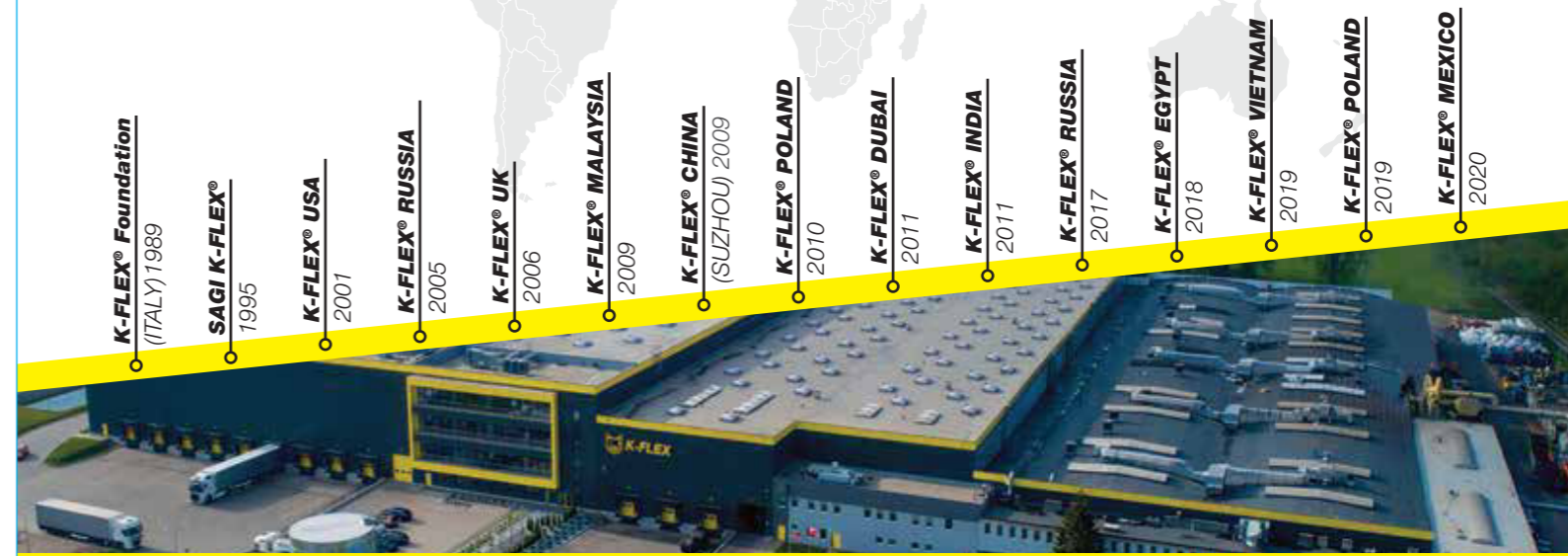
K-FLEX is committed to ensuring its products comply with the fire safety and industry-wide safety standards.

K-FLEX has 63 sales offices on five continents, offering premium service to more than 50,000 customers.

As the world's fastest-growing company in the industry, K-FLEX is also a global player in the target markets of building services, refrigeration, air conditioning and ventilation, rail, shipping, automotive and beverage industries as well as the solar industry and OEM businesses.

K-FLEX has ISO 9001 and ISO 14001 certification."

## PLANT TIMELINE



## ACCESSORIES

### K 996 GLUE

