



# Professionals choose innovative solutions

Mineral Wool

with **ECOSE**<sup>®</sup>  
TECHNOLOGY

# Experience the next step in insulation

## Our Mineral Wool products with ECOSE® Technology!

Following the successful introduction of ECOSE Technology in the Buildings Solutions product range, Knauf Insulation has decided to extend its innovative binder technology to its HVAC product portfolio in Technical Solutions.



### **BINDER WITHOUT ADDED FORMALDEHYDE**

The binder is mainly derived from naturally occurring raw materials. There are no added formaldehydes during the manufacturing process. The products made with ECOSE Technology **contain no phenols or acrylics.**



### **NATURAL APPEARANCE**

Insulation products made with ECOSE® Technology **contain no dyes or artificial colours.**



### **TECHNICAL PERFORMANCE**

Products with ECOSE® Technology ensure high insulation efficiency for a thermal comfort as well as non-combustibility for personal safety, being **compliant with all relevant European standards.**



### **ENVIRONMENTALLY FRIENDLY**

Renewable components in the binder are replacing most fossil-fuel based materials. We are **saving energy reduce energy bills CO2 emissions.**

with **ECOSE®**  
**TECHNOLOGY**



## Benefits for Installers

### EUROFINS GOLD CERTIFIED INDOOR AIR QUALITY IMPACT\*

- Reduction of emissions in the installing environment

### USER FRIENDLINESS

- Easy to cut
- Low odor
- Fitting accuracy
- Easy to handle

### MEETING TECHNICAL REQUIREMENTS

- Product properties meeting or exceeding requirements from CE, AGI 132, EnEV, MED

### PROFESSIONAL SOLUTIONS

- HVAC product range delivering high thermal, mechanical and fire-resistance performances

Specifiers can trust on  
**SUSTAINABLY  
DESIGNED PRODUCTS**  
and Installers benefit from  
**USER FRIENDLINESS.**

## Benefits for Specifiers

### EUROFINS GOLD CERTIFIED INDOOR AIR QUALITY IMPACT

- Proved compliance to all relevant legal and voluntary quality labels on product emissions in Europe

### SUSTAINABLY DESIGNED PRODUCTS

- In line with several green building rating schemes (e.g. BREEAM, LEED, HQE, DGNB)
- High environmental standards with ISO 14000 certification

### RELIABILITY

- HVAC product range delivering high thermal, mechanical and fire-resistance performances
- CE marking guarantees compliance to European law (CPR 305-2011)

### SAFETY

- Non combustibility / A1
- Melting point of fibres > 1.000°C
- High manufacturing and product standards with ISO 9000 certification

# Our complete product portfolio for HVAC insulation

## Knauf Insulation Mineral Wool products

... provide longterm reliable solutions. Its components are mainly derived from naturally occurring raw materials. Their excellent mechanical, thermal and fire performances are convincing.

Mineral Wool products with ECOSE Technology comply with all relevant product and market standards.

**Now HVAC ducts and pipe lines as well as applications for sound absorption and clima protection within buildings can be professionally insulated with mineral wool with ECOSE Technology.**



**EUROFINS INDOOR AIR COMFORT GOLD-CERTIFICATE**

With the certification scheme Indoor Air Comfort which combines legally requested and voluntary product requirements in one label, Eurofins provides a comprehensive overview of product performances in terms of indoor air quality to suppliers and customers. "Gold" certified products prove the compliance to all relevant legal and voluntary quality labels on product emissions.



**CE CONFORMITY**

Knauf Insulation Products are tested according to all necessary standards and comply to all EU-wide harmonized regulations. This ensures safe, proper and high-quality products.



**MARINE MED CERTIFICATE\***

Knauf Insulation Technical Solutions delivers a wide range of thermal and acoustic insulation and fire protection products to the marine markets. Marine Equipment Directive (EC Council Directive 96/98/EC - module B and D, IMO FTP Code) and other applicable standards.

\* Certification applied for

*„Great companies don't just offer their customers the products they request but provide solutions to the problems they need solving.*

*Knauf Insulation is striving to develop and bring to market many of the solutions that will be vital to support our customers in delivering a low energy built environment.“*

## **Knauf Insulation**

### **Company profile**

Knauf Insulation is one of the most respected names in the insulation industry worldwide with 30 years of experience and still growing fast.

Over 5.500 employees in more than 35 countries and more than 40 manufacturing sites. Being part of the family-owned Knauf group Knauf Insulation Technical Solutions provides solutions for customers' requirements in industry, marine applications, heating, ventilation and air conditioning. A profound market understanding and insulation know-how enables us to provide a broad range of products to meet your specific needs.



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## **Knauf Insulation GmbH**

Knauf Insulation GmbH  
Parkring 15-17  
85748 Garching b. München  
Deutschland

Tel.: +49 89 800 74 66-0  
ts@knaufinsulation.com

**[www.knaufinsulation-ts.com](http://www.knaufinsulation-ts.com)**