AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

ENEX C by K TEX - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

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www.gmfireproof.com

以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

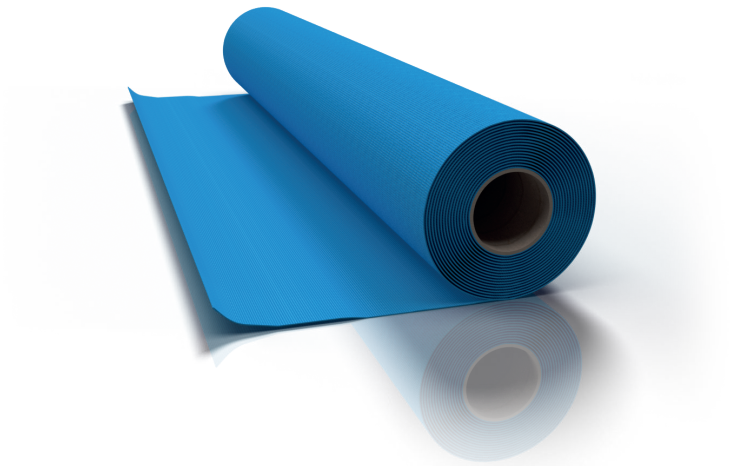
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ENEX C

Fire protection material Manufacturer K.TEX | www.ktex-gmbh.de

Description

ENEX is a flexible rolled material that can be used for fire protection. Similar to gypsum fiber boards the material absorbs enormous amounts of energy, when exposed to heat beyond it´s activation temperature.The effect is based on the evaporation of hydrated minerals. ENEX is comprised of metal-anhydrates and absorbs up to 3x more energy than gypsum boards.



Areas of Application

- Rolling stock
- Indoor applications
- Doors, windows and façades

Delivery and Packaging

ENEX-C and SK version			
Thickness	1 mm	2 mm	3 mm
Length	20 000 mm	20 000 mm	10 000 mm
Width	1000 mm		
	Standard length and width in tailored sizes on request		

ENEX C

Technical Data

Colour	blue
Composition	endothermic protection layer made of mineral coolants
Thermal conductivity	approx. 1.1 W/(m·K)
Temperature resistance	-40 °C to +50 °C (for < 30 min +80 °C)
Temperature resistance (operation)	-5 °C to +50 °C
Start of reaction	95 °C–150 °C
Energy absorption	1500 kJ/kg
Processing (min. +5 °C / < 85 % relative humidity)	Surfaces must be free of contamination. Service temperature up to 60 °C. The rolls can be cut to size with standard tools (water jet cutting, punching, shears, cutter knives, etc.).

Operating principle	Energy absorption due to water of crystallisation
Storage and transport	Protect the rolls from compression stress.
	Store dry, indoors at a temperature ≤ 50 °C.
Supply forms	Rolls; SK version with self-adhesive foil as installation aid
Safety information	Consult the safety data sheet for further information.
Certificates	Classification E as per DIN EN 13501-1. The product fulfills the requirements R1/R7 for the hazard levels HL1–HL3 in accordance with DIN EN 45545-2:2020 RST PB-Nr. P60-18-8033