







product	<b>Firetect® Silicone sealant</b>
description	silicone based mastic, fire retardant
intended use	service closure for structural (expansion) joints, to form a penetration seal in case of fire to reinstate the fire resistance of fire compartments
certification	tested and certified by ETA-15/0630


<b>directions for use</b>	
<b>important</b>	application must follow DoP No. CPR-15/0630-silicone
equipment	caulking gun
surface preparation	- the penetration opening must be clean and degreased; remove any debris and dust
application	<b>structural joints</b> - apply joint detail acc. application and configuration (see chart FoA) use rock wool backing, min. 50 kg/m <sup>3</sup> - avoid trapping air
finish & maintenance	- KLF recommends to label each fire seal with a unique ID in a (photo) log file - routine inspections on damage and repairs ensure sound fire protection management

<b>additional product info</b>	Firetect® is a registered brand of KLF
charts field of application:	© KLF Building Products
- <a href="#">linear joints</a>	<a href="#">disclaimer</a>
<b>declaration of performance:</b>	
- full DoP version: declaration of performance + charts field of application (FoA) + principle configurations	 European Organisation for Technical Assessment
- web DoP version: declaration of performance; other info can be downloaded at <a href="http://www.firetect.eu/download">www.firetect.eu/download</a>	

specifications	Firetect® Silicone sealant
material	silicone mastic with fire retardant fillers
colour	white
<b>fire resistance</b>	EI 30 up to EI 240, depending on application and configuration
 tested and classified acc.	EN 1366-4; EN 13501-1: Class F; EN 13501-2
smoke leakage control acc.	EN 1634-3: Sa - S200
<b>acoustic performances</b>	36 dB up to 60 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	structural joints
<b>environmental performance</b>	EMICODE, Indoor Air Comfort, AgBB, Blue Angel, Belgian Regulation, French VOC/CMR
 product credits for	BREEAM
VOC tested acc.	ISO 11890-2 / ASTM D6886
formaldehyde tested acc.	EN 717-1 <sup>§</sup> : E1
release of dangerous substances	none: non-formaldehyde, non-asbestos
use category	Z <sub>2</sub> internal use
application conditions	between +5 °C and +30 °C, max. 95% RH
adhesion	to most common construction materials: plaster, concrete, metals, glass, plastics etc.
mix ratio	ready to use
dry and curing time	skin after ± 15 minutes, curing depending on joint size and environmental conditions
hardness	Shore A: 22
shrinkage	< 12%
max. movement	7% - 25%
overpaintable	no
cleaning equipment	after use, immediately clean with fresh water; remove dried product mechanically
packaging	cartridge 310ml; 25 cartridges per carton
storage	store dry, between +5 °C and +30 °C, max. 70% RH, avoid condensation and UV
shelf life	approx. 12 months in unopened original packaging, if stored acc. instructions
activation temperature	n.a.
flash point	> +120 °C
pH	approx. 10.5
specific gravity	approx. 1.37

<b>limitations</b>	- not suitable for application in swimming pools etc.
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<b>transport &amp; storage</b>	<ul style="list-style-type: none"> <li>- during transport: keep dry and protect from frost; do not stack pallets</li> <li>- store dry; protect from frost; best kept in cool, dark conditions</li> <li>- store on level ground; do not stack pallets</li> <li>- HS code: 32149000</li> </ul>	
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<b>health &amp; safety</b>	<ul style="list-style-type: none"> <li>- no specific restrictions</li> <li>- work according to health &amp; safety Directive and use appropriate PPE</li> <li>- this product is classified as not dangerous under Regulation 1272/2008 and is in compliance with CLP regulations</li> </ul>	
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