







product	Firetect® Silicone sealant
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

directions for use	
important	- application must follow DoP No. CPR-15/0630-silicone - constructive element must be classified acc. EN 13501-2 for the required fire resistance period
equipment	caulking gun
surface preparation	- the penetration opening must be clean and degreased; remove any debris and dust
application	structural joints - apply joint detail acc. application + configuration (see principle detail) use rock wool backing, min. 50 kg/m ³ - 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

additional product info	Firetect® is a registered brand of KLF © KLF Building Products disclaimer
charts field of application: - linear joints	
declaration of performance: - full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A + ANNEX B; upon request - web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at firetect.eu/download	 

specifications

Firetect® Silicone sealant

material	silicone mastic with fire retardant fillers
colour	white
fire resistance	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
acoustic performances	36 dB up to 60 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	structural joints
environmental performance	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 ^S : E1
release of dangerous substances	none: non-formaldehyde, non-asbestos
use category	X (internal + external use)
application conditions	between +5 °C and +30 °C, max. 95% RH
adhesion	to most common construction materials: plaster, concrete, metals, glass, plastics etc.
acc. EAD 350141-00-1106	passed
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	25%
acc. EAD 350141-00-1106	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

limitations - not suitable for application in swimming pools or similar

transport & storage

- during transport: keep dry and protect from frost; do not stack pallets
- store dry; protect from frost; best kept in cool, dark conditions
- store on level ground; do not stack pallets
- HS code: 32149000



health & safety

- no specific restrictions
- work according to health & safety Directive and use appropriate PPE
- this product is classified as not dangerous under Regulation 1272/2008 and is in compliance with CLP regulations

