






product	Firetect® PA board
description	high density rock wool slab, prefab coated with PA coating
intended use	service closure for structural openings for pipe and cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of fire compartments
certification	tested and certified by ETA-14/0260

directions for use	
important	application must follow DoP No. CPR-14/0260-board
equipment	knife or pad saw, (radiator) paint brush or spatula
surface preparation	- ensure that service elements are firmly anchored with constructive elements on either side - the penetration opening must be clean, dry and degreased; remove any debris and dust
installation	<p>general instructions</p> <ul style="list-style-type: none"> - cut to size for a tight-fit positioning in opening if necessary, also cut out service diameter - 'butter' all cross cut edges of PA board and opening with PA coating, Acrylic or PA sealer - press board tight-fit in opening - seal adjacent joints and remaining small gaps with Acrylic or PA sealer for smoke leakage control <p>note with 'outerboxes' PA board, only use PA coating for finishing with cable trays, coat back is not required for cables + trays + perimeters in PA board</p> <p>instructions for PA board-to-board connections</p> <ul style="list-style-type: none"> - glue' board-to-board connections with PA coating - secure connections with PA spiral screws
finish & maintenance	- KLF recommends to label each fire seal with an 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
charts field of application:	© KLF Building Products disclaimer
cable penetrations:	
- cable trays	
- cable bundles	
pipe penetrations:	
- PE/PP/PVC	
- PP-R	
- PP-MD	
- aluPE-X	
- copper + steel	
air control services:	
- ducts, fire resistant duct cladding	
- fire dampers, installation + upgrade	
declaration of performance:	
- full DoP version: declaration of performance + charts field of application (FoA) + principle configurations	
- web DoP version: declaration of performance; other info can be downloaded at www.firetect.eu/download	
	  <small>European Organisation for Technical Assessment</small>

specifications	Firetect® PA board
material	high density rock wool slab / batt, prefab coated with PA coating
colour	white, coated on 1 or 2 sides
fire resistance	EI 30 up to EI 240, depending on application and configuration
 tested and classified acc.	EN 1366-2 + EN 1366-3; EN 13501-1: npd; EN 13501-2
smoke leakage control acc.	EN 1634-3: Sa - S200
acoustic performances	19 dB up to 50 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	service penetrations + openings + structural joints
environmental performance	EMICODE, Belgian Regulation, French VOC/CMR, M1
 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	Z ₂ internal use
application conditions	between +5 °C and +30 °C, max. 70% RH
packaging	per slab in ldPE bag, 80 slabs per pallet
storage	store dry, between +5 °C and +30 °C, max. 70% RH, avoid condensation and UV
shelf life	infinite, if stored acc. instructions
activation temperature	not applicable
flash point	not applicable
density	approx. 160 kg/m ³
practical coverage	allow loss factors

available sizes	
standard size, in mm	600x1200mm
standard thickness	50mm + 60mm
2S	prefab coated on 2 sides with PA coating
1S	prefab coated on 1 side with PA coating
upon request	other sizes or uncoated slabs

limitations	
	- use PA board in combination with PA coating + PA spiral screws ; as tested
	- PA board floor penetrations are not walkable

transport & storage	
	- do not stack pallets
	- always keep dry; standard packaging is inadequate for protection against rain or leaking water
	- store on level ground; do not stack pallets
	- HS code: 68069000
	no. / pallet m ² / pallet kgs / pallet
PA board 600x1200x50mm	80 57,6 ± 600
PA board 600x1200x60mm	72 51,8 ± 890

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

