

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
 - constructive element must be classified acc. EN 13501-2 for the required fire resistance period

equipment knife or pad saw, (radiator) paint brush or spatula

surface preparation - ensure that penetrations services are firmly anchored with constructive element on either side; support services; support distance: see principle detail
 - fasten glass wool or rock wool individually (not wrapped!) with steel wire
 - the penetration opening must be clean, dry and degreased; remove any debris and dust

installation **general instructions**

- 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
- 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

instructions for PA board-to-board connections

- 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:

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cable penetrations:

- cable trays
- cable bundles

air control services:

- ducts, fire resistant duct cladding
- fire dampers, installation + upgrade

pipe penetrations:

- PE/PP/PVC
- PP-R
- PP-MD
- aluPE-X
- PE-Xa
- copper
- steel

blank seals:

- openings in flexible walls
- openings + adjacent joints in rigid walls
- openings + adjacent joints in rigid floors




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® 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 [§] : 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; tolerance ± 3mm
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

