

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 penetration 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

© KLF Building Products

[disclaimer](#)

charts field of application:

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 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 layer 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. 170 kg/m ³ (coated)
practical coverage	allow loss factors

available sizes

standard size, in mm	600x1200mm
standard thickness	50mm; tolerance ± 3mm
2S	prefab coated on 2 sides 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

PA board 600x1200x50mm	no. / pallet	m ² / pallet	kgs / pallet
	80	57,6	± 600

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

