






product	<b>Firetect<sup>®</sup> PA board</b>
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

<b>directions for use</b>	
<b>important</b>	- 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	<b>general instructions</b> - 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 <b>note</b> with 'outerboxes' PA board, only use PA coating for finishing with cable trays, coat back is <b>not</b> required for cables + trays + perimeters in PA board  <b>instructions for PA board-to-board connections</b> - glue board-to-board connections with <b>PA coating</b> - secure connections with <b>PA spiral screws</b>
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

<b>additional product info</b>	Firetect <sup>®</sup> is a registered brand of KLF © KLF Building Products <a href="#">disclaimer</a>
charts field of application:	
<b>cable penetrations:</b>	
- cable trays	
- cable bundles	
<b>pipe penetrations:</b>	
- PE/PP/PVC	
- PP-R	
- PP-MD	
- aluPE-X	
- copper	
- steel	
<b>air control services:</b>	
- ducts, fire resistant duct cladding	
- fire dampers, installation + upgrade	
<b>declaration of performance:</b>	
- 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 <a href="http://firetect.eu/download">firetect.eu/download</a>	
	 

**specifications**

**Firetect® PA board**

material	high density rock wool slab / batt, prefab coated with PA coating
colour	white, coated on 1 or 2 sides
<b>fire resistance</b>	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
<b>acoustic performances</b>	19 dB up to 50 dB, depending on application and configuration
 tested acc.	EN 10140-2 + ISO 717-1
	service penetrations + openings + structural joints
<b>environmental performance</b>	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 <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. 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 <sup>3</sup>
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 <sup>2</sup> / 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

