

Drawing Ref	Title
KF - BP01	Under slab Insulation Panels - In wall Insulation Panels - EIFS System external Panels
KF - BP02	Roof Insulation Panels - Framed & Truss Roofs
KF - BP03	Roof Insulation Panels - Skillion Roof
KF - BP04	Masonry - Exterior Insulation (Thermal Mass) - Internal Insulation (Battened walls)
KF - BP05	Suspended Timber Floors - New & Retro Fit Insulation
KF - BP06	Recessed Down Lighting - New & Retro Fit Insulation

A
B
C
D
E
F
G
H



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 www.koolfoam.co.nz

**BLACK PEARL INSULATION
DRAWING INDEX**

No.	REVISIONS	DATE
DRAWN	ADDL - Mike	APPD
DATE	15-9-2024	SCALES A4
SHEET	ISSUE	
KF - DSBP0		A

Vertical Cavity Battens by others

Building wrap / RAB by others

EIFS (exterior insulating finishing system)

KOOLFOAM Black Pearl

25 ** 90mm wall framing bottom plate fixing by others (compliant with BRANZ Testing Refer Fixing manufacturers)

FFL

225 Unpaved

150 Paved

Manufacturer Applied pre-finish with concrete plaster protective layer

Koolfoam Slab XPS Edge Insulation 300

Foundation (Concrete)

DPM (Typically Polythene)

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl © by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl



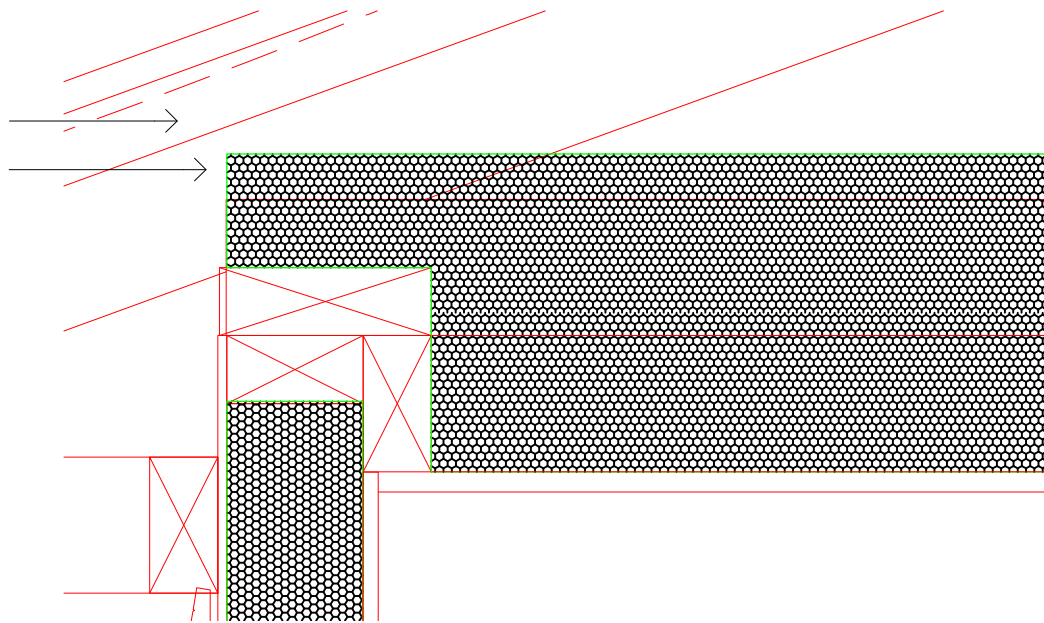
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BLACK PEARL®

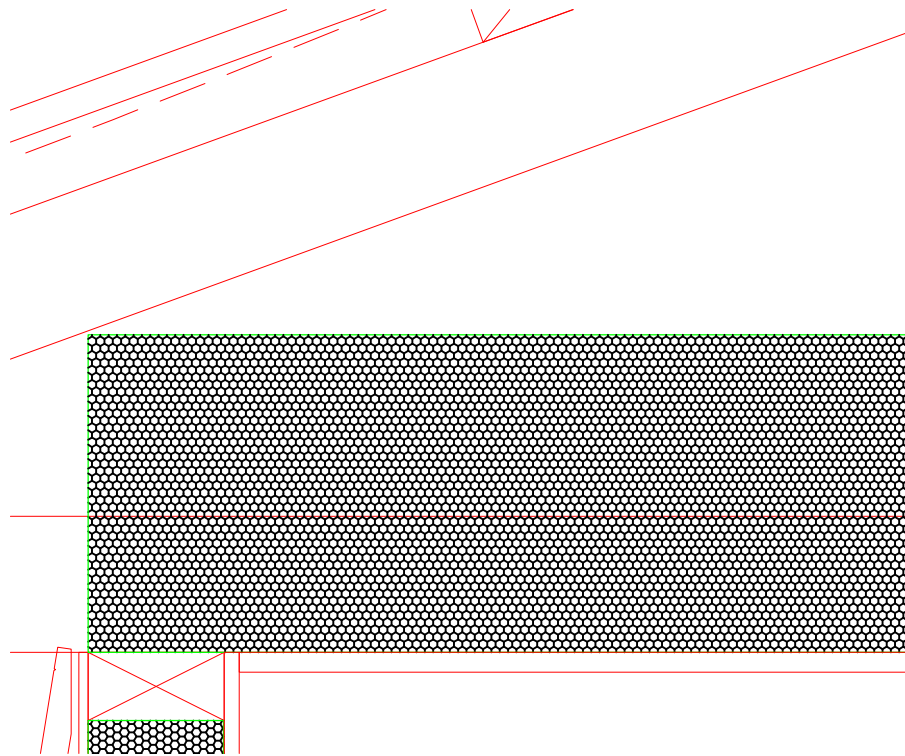
UNDER SLAB INSULATION PANEL
IN WALL INSULATION PANELS
EIFS SYSTEM EXTERNAL PANELS

No.		REVISIONS		DATE	
DRAWN ADDL - Mike		APPD			
DATE 9-9-2024		SCALES A4 1:5			
SHEET KF-DSBP01				ISSUE A	

A
B
C
D
E
F
G
H



KOOLFOAM Black Pearl



(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

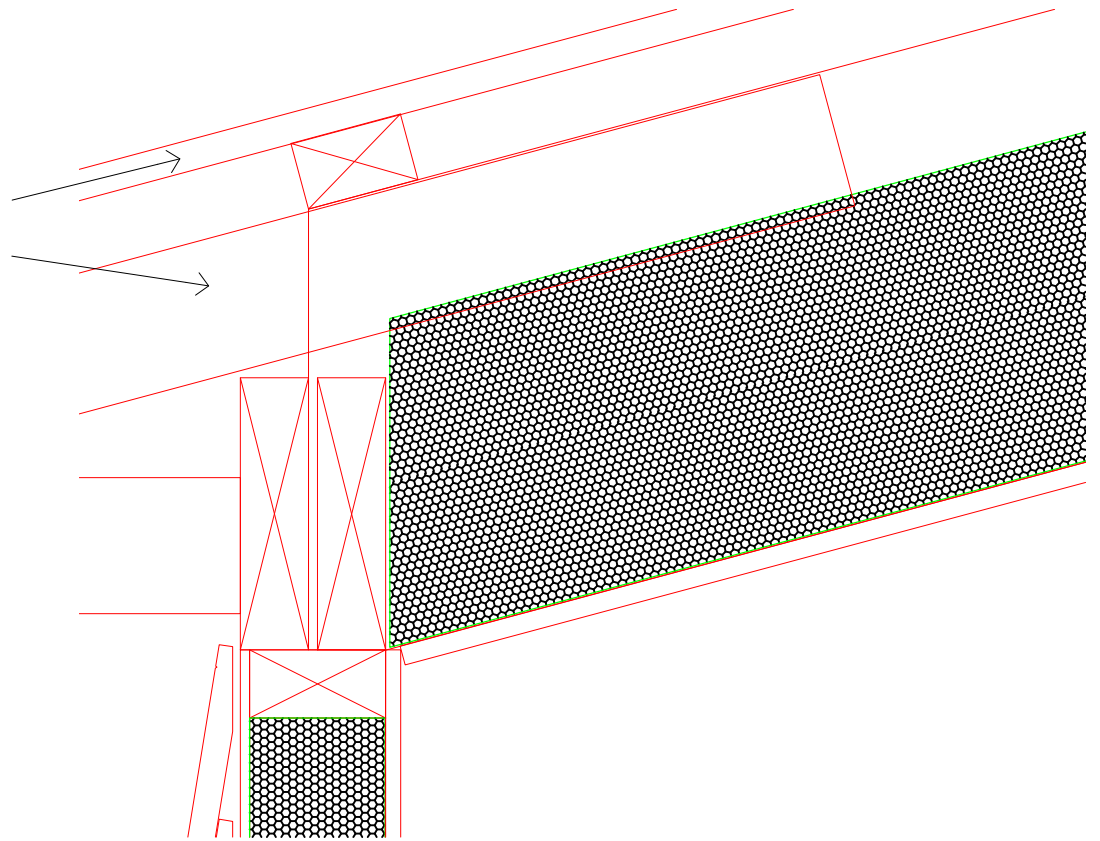
KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

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BLACK PEARL®
ROOF INSULATION PANELS
FRAMED and TRUSS ROOFS

No.	REVISIONS	DATE
DRAWN	ADDL - Mike	APPD
DATE	9-9-2024	SCALE\$ A4 1:5
SHEET	KF-DSBP02	
	ISSUE A	



KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

A
B
C
D
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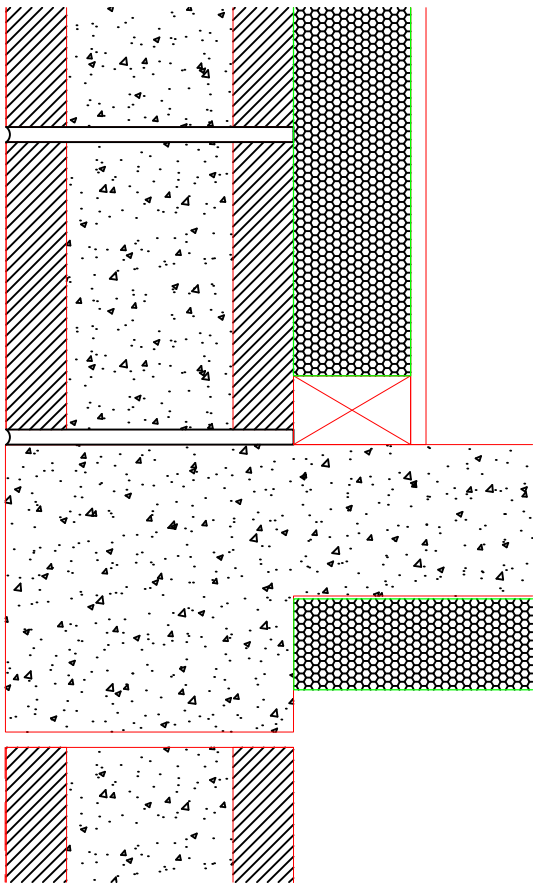
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BLACK PEARL®

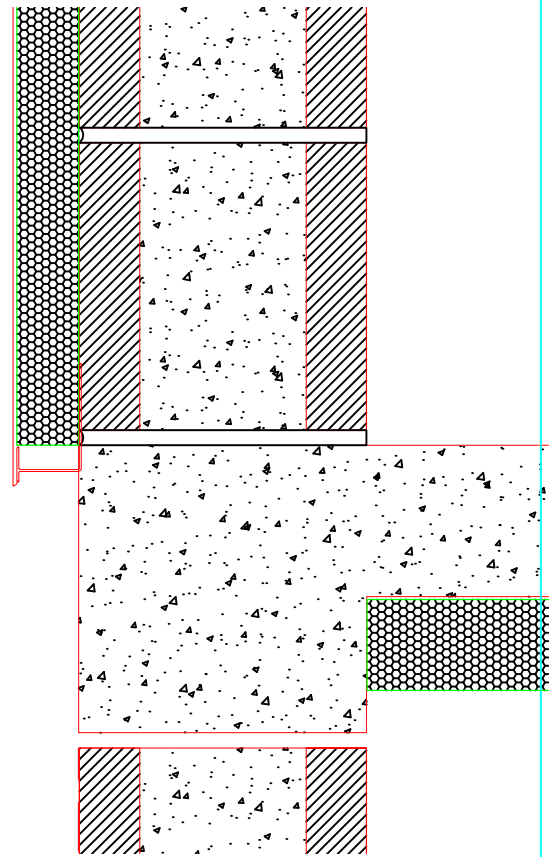
**ROOF INSULATION PANELS
SKILLION ROOF**

No.	REVISIONS	DATE
DRAWN ADDL - Mike		APPD
DATE 9-9-2024	SCALE\$ A4	1:5
SHEET KF-DSBP03		ISSUE A

H



**MASONRY WALL INSULATION
INTERIOR**



A
B
C
D

KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl ® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

E
F
G

- Separate PVC / TPS cables from contact with Black Pearl



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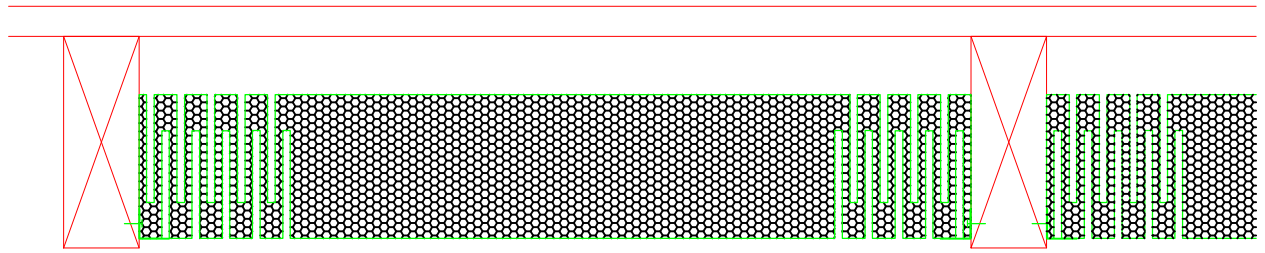
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**MASONRY
EXTERIOR INSULATION - THERMAL MASS**

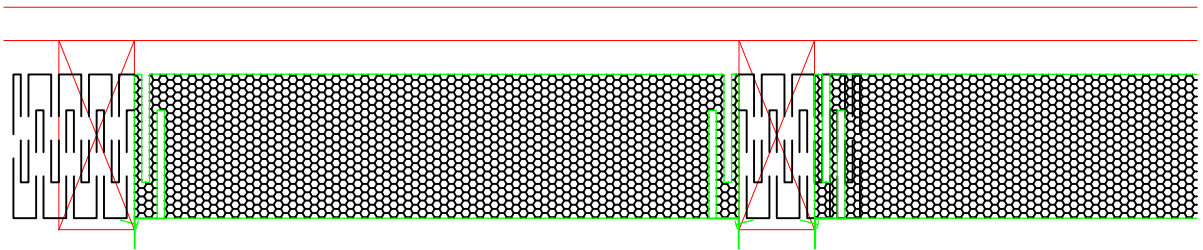
INTERIOR INSULATION - BATTENED WALLS

No.	REVISIONS	DATE
DRAWN ADDL - Mike		APPD
DATE 9-9-2024	SCALES A4 1:5	
SHEET		ISSUE
KF-DSBP04		A

H



SUSPENDED TIMBER FLOOR - NEW



KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

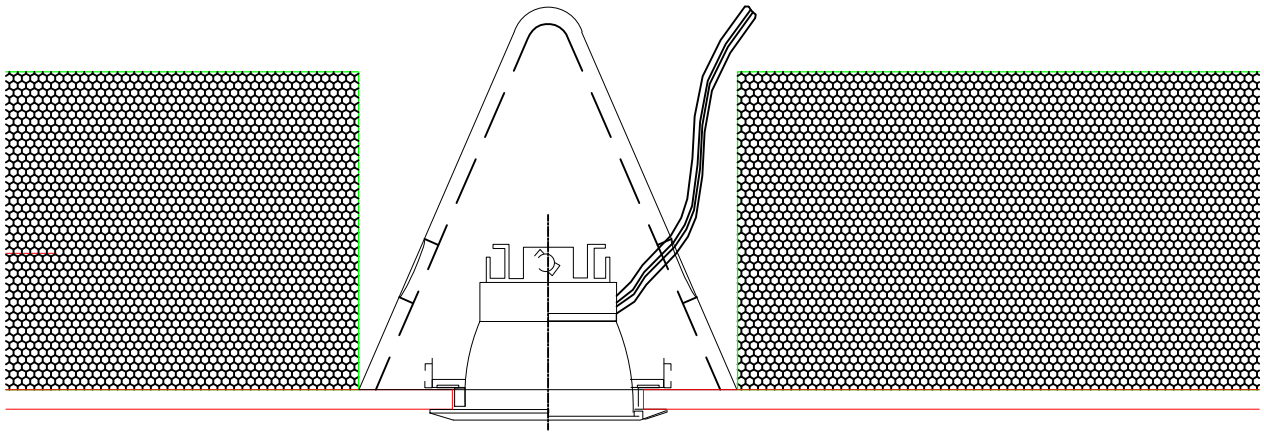
- Separate PVC / TPS cables from contact with Black Pearl

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**SUSPENDED TIMBER FLOORS
 NEW and RETRO FIT INSULATION**

No.	REVISIONS	DATE
DRAWN	ADDL - Mike	APPD
DATE	9-9-2024	SCALES A4 1:5
SHEET	KF-DSBP05	
	ISSUE A	



RECESSED DOWN LIGHTING

KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl ® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

IC-F
ABUTTED &
COVERED



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BLACK PEARL®

RECESSED DOWNLIGHTING
NEW and RETRO FIT INSULATION

No.	REVISIONS	DATE
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DATE	13-9-2024	SCALE: A4 1:5
SHEET	KF-DSBP06	ISSUE
		A