

pavatex
by SOPREMA



MULTIFUNCTIONAL
INSULATION

PAVATEX PRODUCT PACK

UNITY
Breathable Insulation Systems

PAVATEX BY SOPREMA

WITH PAVATEX INSULATION FROM SOPREMA

PAVATEX has been successfully used on thousands of UK-based projects. Our range of solutions are tried, tested and trusted by house builders, commercial developers, housing associations and local authorities.

Our specification support helps you ensure the right product specification on a given building type. PAVATEX solutions provide thermal, moisture, acoustic and overheating control.



THERMAL PERFORMANCE

Good thermal performance is now prerequisite to any new build or renovation. However, breathability and overheating control **must** also be considered simultaneously to protect the integrity of the building fabric and ensure that significant problems are not created.



BREATHABILITY

Over 111/2 litres of moisture are produced internally by the average household each day. The external shell of a building is much like a coat, it needs to keep the rain off, but like a GORE-TEX® jacket, it must not allow moisture, produced internally, to get trapped within the building fabric. It must let it out. Pavatex® is the GORE-TEX® of buildings.



OVERHEATING

Low level heat is needed to raise the internal temperature in winter. Insulation keeps this heat in. The sun produces high level heat which can lead to overheating in the summer. Conventional insulation, in structures such as roofs and timber frame buildings, can't keep high level heat out. Pavatex® has thermal mass which 'soaks up' the heat from the sun helping to prevent summertime overheating.

PAVATEX SHEETS

PRODUCT SHEETS

6	Pavatex Woodfibre	10	Membranes
6	Isolair Multi Multi	12	Pavatex Tapes and Seals
6	Pavadry		
7	Pavatherm		
7	Reveal Board		
8	Pavaflex		
9	Pavatextil P		

SYSTEM SHEETS

16	New Build	30	Retrofit
16	External Timber Frame Clad	30	IWI* Lime Plastered Finish
18	External Timber Frame Brick Clad	32	IWI* Dry Lined
20	External Timber Frame Render	34	EWI** Rendered
22	Cross Laminated Timber Render	36	EWI** Clad
24	Cross Laminated Timber Clad	38	Internally Fitted Pitched Roof
26	Pitched Roof	40	Externally Fitted Pitched Roof
28	Flat Roof		

* IWI - Internal Wall Insulation
 **EWI - External Wall Insulation

ICON OVERVIEW

 sides of the panel

 Application

 good for plaster



PAVATEX WOODFIBRE

ISOLAIR MULTI

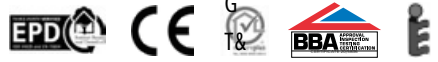


Application Roof: over or under rafter
Wall: on the studs or existing masonry
Finishes Clad or tile, can be brick clad. Plaster or Render
Fixed Mechanical Fixings

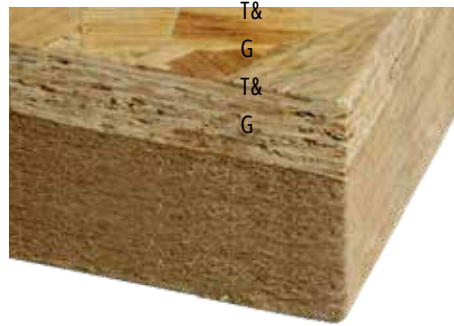


Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

Article Numbe	Thickness (mm)	Edge	Dimensions (net) mm	Pallet (m ²)	Dimensions (mm)	Pallet (m ²)	Boards/ Pallet	Pallet (kg)	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
230822	30 35 40	T&G	1860 x 590	81,2	1880 x 610	84,9	74	509	200	0,044	0,65 0,75 0,90
230827	52 60 80	G	1860 x 590	70,2	1880 x 610	73,4	64	514	200	0,044	1,20 1,35 1,85
230833	100 120	T&G	1860 x 590	61,5	1880 x 610	64,2	56	424	165	0,043	2,40 2,90 3,40
230836	140 160	G	1860 x 590	43,9	1880 x 610	45,9	40	394	165	0,043	3,90 4,35 4,85
230845	180 200	T&G	1860 x 590	39,5	1880 x 610	41,3	36	409	165	0,043	
230854		G	1860 x 590	30,7	1880 x 610	32,1	28	424	145	0,041	
230857		T&G	1860 x 590	24,1	1880 x 610	25,2	22	366	145	0,041	
230860		G	1860 x 590	19,8	1880 x 610	20,6	18	359	145	0,041	
230861		T&G	1860 x 590	17,6	1880 x 610	18,3	16	372	145	0,041	
230862		G	1860 x 590	15,4	1880 x 610	16,1	14	372	145	0,041	
230864		T&G	1860 x 590	13,2	1880 x 610	13,8	12	359	145	0,041	
230870		G	1860 x 590	11,0	1880 x 610	11,5	10	333	145	0,041	



PAVADRY



Application Wall: masonry, masonry filled timber (internal)
Finishes Standard plaster board
Fixed Mechanical fixings & bonding plaster



Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

Article Numbe	Thickness (mm)	Edge	Dimensions (mm)	Pallet (m ²)	Boards/ Pallet	Pallet (kg)	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
157715	51 (40+11)	Straig	1200 x 600	30,9	42 32	384	145	0,04	1,05 1,50 2,00
157717	71	ht	1200 x 600	23,0	24	353	145	1	
157718	(60+11)	Straig	1200 x 600	17,2		315	145	0,04	
		ht						1	
	91 (80+11)	Straig						0,04	
		ht						1	

PAVATHERM STANDARD



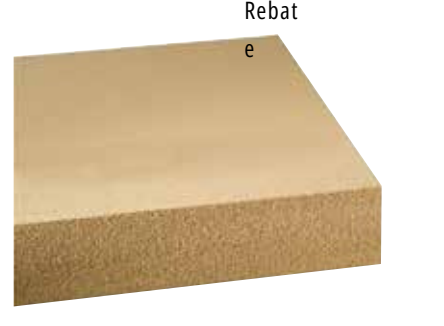
Application Roof: over or under rafter with a base (ply/OSB) or on CLT
Wall: on to studs with a base or existing masonry or on CLT
Floor: between or under joists with a base
Subject to primary boards and Application Subject to primary boards and Application
Finishes Subject to primary boards and Application
Fixed Subject to primary boards and Application
Please refer to the product data sheet for all information including technical details, finishes, installation and storage.



Article Numbe	Thickness (mm)	Edge	Dimensions (net) mm	Pallet (m ²)	Dimensions (mm)	Pallet (m ²)	Boards / Pallet	Pallet (kg)	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
107686	40 60 80	Straig	1100 x 600	73,9	1100 x 600	73,9	112 72	360	110	0,03	1,05 1,55 2,10
107687	100 120	ht	1100 x 600	47,5	1100 x 600	47,5	56 44	348	110	8	2,60 3,15 3,65
107688	140 160	Straig	1100 x 600	37,0	1100 x 600	37,0	36 32	360	110	0,03	4,20 4,70 5,25
107680	180 200	ht	1100 x 600	29,0	1100 x 600	29,0	28 24	354	110	8	5,75 6,30
107681	220 240	Straig	1100 x 600	23,8	1100 x 600	23,8	20 20	348	110	0,03	
107682		ht	1085 x 585	20,3	1100 x 600	21,1	16	404	110	8	
107683		Straig	1085 x 585	17,8	1100 x 600	18,5		404	110	0,03	
107684		ht	1085 x 585	15,2	1100 x 600	15,8		391	110	8	
107685		Straig	1085 x 585	12,7	1100 x 600	13,2		363	110	0,03	
107692		ht	1085 x 585	12,7 9,8	1100 x 600	13,2		398	110	8	
108485		Rebat	1085 x 585	10,6	1100 x 600	10,6		349	110	0,03	



REVEAL BOARD



Application Wall: on to studs or existing masonry or on CLT frame
Finishes Render/Clad or subject to Application
Fixed According to Application



Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

Article Numbe	Thickness (mm)	Edge	Dimensions (mm)	Pallet (m ²)	Boards/ Pallet	Pallet (kg)	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
152641	30 40	Straig	1100 x 600	97,7	148	454	155	0,04	0,65 0,90
152642		ht	1100 x 600	73,9	112	458	155	3	
		Straig						0,04	
		ht						3	



PAVATEX WOODFIBRE

PAVAFLEX



Application Roof: between rafter
Wall: between studs
Floor: between joists



Finishes N/A



Fixed Subject to Application
Please refer to the product data sheet for all information including technical details, finishes, installation and storage.



Article Numbe	Thickness (mm)	Edge	Dimensions (mm)	Pallet (m ²)	Boards / Pallet	Pallet (kg)	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
157239	40 (only in UK)	Straig	1220 x 375	82,4	180	195	50 50	0,03	1,05 1,05 1,30
112962	40 50	ht	1220 x 575	84,2	120 90	183	50 50	8	1,55 1,55 2,10
112963	60 (only in UK)	Straig	1220 x 575	63,1	120 80	173	50 50	0,03	2,60 3,15 3,65
157240	60 80	ht	1220 x 375	54,9	60 48	195	50 50	8	4,20 4,70 5,25
112964	100 120 140	Straig	1220 x 575	56,1	40 32	183	50 50	0,03	5,75 6,30
112965	160 180 200	ht	1220 x 575	42,1	30 24	183	50 50	8	
112966	220 240	Straig	1220 x 575	33,7	24 20	183	50 50	0,03	
112967		ht	1220 x 575	28,1	20	183		8	
112968		Straig	1220 x 575	22,4		172		0,03	
112969		ht	1220 x 575	21,0		183		8	
112970		Straig	1220 x 575	16,8		167		0,03	
112971		ht	1220 x 575	16,8		183		8	
112972		Straig	1220 x 575	14,0		169		0,03	
112973		ht	1220 x 575	14,0		183		8	



Straig	0,03
ht	8
Straig	0,03
ht	8
Straig	0,03
ht	8
Straig	0,03
ht	8
Straig	0,03
ht	8
Straig	0,03
ht	8
Straig	0,03
ht	8



NEW!

PAVATEXIL P is a soft thermo-acoustic insulation board based on cotton fibres (85%), originating from recycled textile (jeans and velvet), and polyester fibres (15%).

The cotton fibres have hygroscopic properties and have been subjected to anti-bacterial, fungal and flame retardant treatments, making them resistant to dust mites and mold.

PAVATEXIL P is mainly installed between the timber or metal framework, on walls and sloped roofs. It can also be used in loft floors.

- + Good insulating capacity against thermal losses in winter and heat transmittance in the summer
- + Vapour-open
- + Possesses outstanding sound-insulation properties

PAVATEXIL P



Application Roof: between rafter
Wall: between studs
Floors: loft



Finishes N/A



Fixed Subject to Application

Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

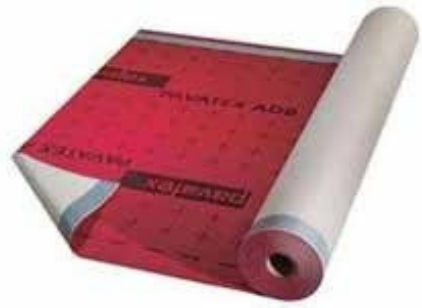


Article Numbe	Thickness (mm)	Edge	Dimensions (mm)	Pallet (m ²)	Boards / Pallet	Density (kg/m ³)	λ	Thermal resistance (Rd)[m ² .K/W]
152322	45 60 80	Straig	1200 x 600	74,88	104 80	± 20 ±	0,03	1,15 1,50 2,05
152324	100 120	ht	1200 x 600	57,60	56 48	20 ± 20	9	2,55 3,05 3,70
152325	145 160	Straig	1200 x 600	40,32	40 32	± 20 ±	0,03	4,10 4,60 5,10
152326	180 200	ht	1200 x 600	34,56	24 24	20 ± 20	9	
152327		Straig	1200 x 600	28,80	24	± 20 ±	0,03	
152328		ht	1200 x 600	23,04		20 ± 20	9	
152329		Straig	1200 x 600	17,28			0,03	
152362		ht	1200 x 600	17,28			9	
152363		Straig	1200 x 600	17,28			0,03	
		ht					9	
		Straig					0,03	
		ht					9	
		Straig					0,03	
		ht					9	
		Straig					0,03	
		ht					9	

MEMBRANES

Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

PAVATEX ADB



A three-layer polypropene vapour permeable sarking membrane with integrated self-adhesive strips

Application Used for sealing of longitudinal joints
Article Number 111137

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	14

PAVATEX DB 3.5



An airtight vapour control membrane

Application Open roof and wall constructions
Article Number 107631

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	9

PAVATEX DSB 2



An airtight vapour control and airtight membrane

Application Used on roof sheathing for over-rafter insulation with PAVATEX soft wood fibre boards
Article Number 107632

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	13

PAVATEX LDB 0.02



A second fit airtightness layer

Application Used when recovering the roof while retaining and/or extending the existing between-rafter insulation with PAVAFLEX
Article Number 107634

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	13

SOPRAVAP HYGRO MEMBRANE



An airtight vapour control membrane with variable water vapour diffusion resistance

Application Used for walls and roofs
Article Number 114175

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	8,5

SOPLUTEC UV



A watertight breathable membrane

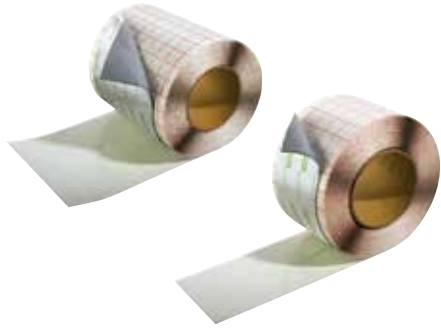
Application Used as an insulation protection in an exterior cladding system on framing with open joints
Article Number 108195

Roll Width - m	Roll Length - m	Roll Area - m ²	Roll mass - kg
1,5	50	75	12

TAPES & SEALS

Please refer to the product data sheet for all information including technical details, finishes, installation and storage.

PAVATAPE: 75/150



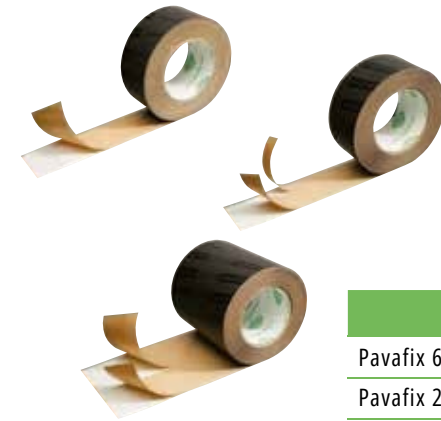
A butyl rubber tape

Application Used for waterproof, weatherproof and UV-resistant sealing of board joints, connections and penetrations in PAVATEX insulation and sarking systems

Article Number 54761 for 150 - 154758 for 75
comes in 2 different pallet sizes - ask for details

	Roll Length - m	Roll Width - mm	Box contents - units
Pavatape 75	20 20	75	8 4
Pavatape 150		150	

PAVAFIX 60/20-40/150



An all-round acrylate adhesive tape

Application Used for permanent sealing of PAVATEX membranes and wood fibre boards indoors and outdoors

Article Number 107582 for 60 - 107581 for 20-40 - 107580 for 150

	Box mass - kg	Roll Length - m	Roll Width - mm	Box contents - units
Pavafix 60	2,8 2,8 3,2	25 25 25		4 4 2
Pavafix 20_40			60 60 150	
Pavafix 150				

PAVATAPE FLEX



Stretchable butyl rubber tape

Application Used for easy sealing of PAVATEX boards and membranes, indoors and outdoors, at penetrations such as rafters, purlins, vent pipes etc

Article Number 154757

	Box mass - kg	Roll Length - m	Roll Width - mm	Box contents - units
Pavatape flex	10,8	5	80	8

PAVATAPE 12



Double-sided butyl rubber tape

Application Suitable for connecting all types of vapour control membranes according to SIA 180 and DIN 4108-7

Article Number 107622 - 10000 x 1.2 mm
154754 - 10000 x 12 mm

	Box mass - kg	Roll Length - m	Roll Width - mm	Box contents - units
Pavatape 12	2,0	10	12	3

PAVAFIX SN BAND



Screw and nail sealing tape

Application Used for PAVATEX ADB, it prevents the ingress of moisture at nails or screws in the area of counter-battens

Article Number 111100 for 63 m

	Box mass - kg	Roll Length - m	Roll Width - mm	Box contents - units
Pavafix SN band	2,4	30	63	8

PAVAPRIM



Solvent-free primer with high self-adhesive strength

Application Used as a primer for PAVATAPE and PAVAFIX 60 on PAVATEX wood fibre boards and other porous and mineral construction materials

Article Number 107618

	Contents per container - ml	Box contents - units
Bottle	1000	6

PAVACOLL



Adhesive for sealing PAVATEX boards and membranes

Application Used for waterproof and weatherproof gluing of PAVATEX insulation and sarking systems, for waterproof and airtight gluing of overlaps and connections of PAVATEX membranes

Article Number 115129 - Cartridge - 310/470
107576 - Tubular Bag - 600/900

	Contents per container - ml	Box contents - units	Accessories included
Cartridge	310/470	12 10	12 detachable nozzles
Tubular bag	600/900		10 large conical nozzles

PAVABOND



Universal adhesive for PAVATEX membranes

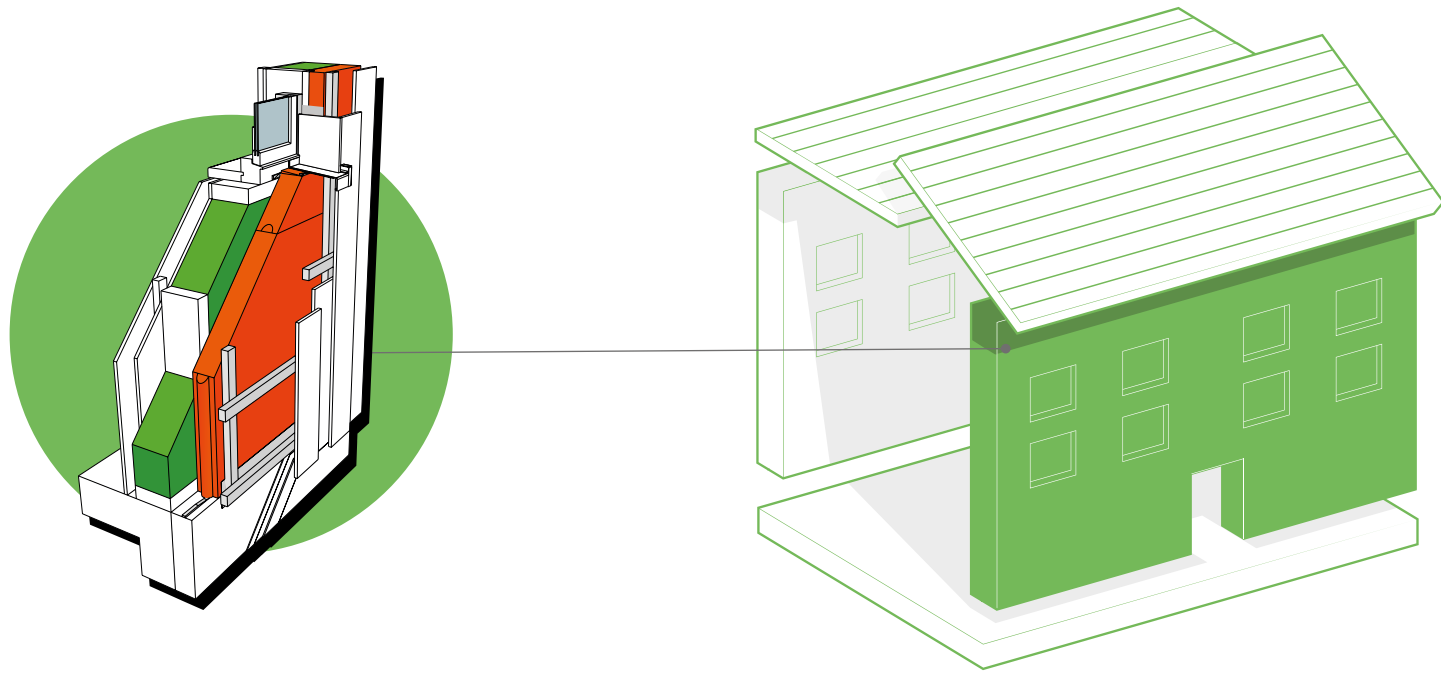
Application Used for creating airtight connections of vapour control and airtight membranes on dry and clean substrates

Article Number 107535 - PAVABOND 310

	Contents per container - ml/g	Box contents - units	Accessories included
Cartridge	310	20	20 detachable nozzles

SYSTEM SHEETS





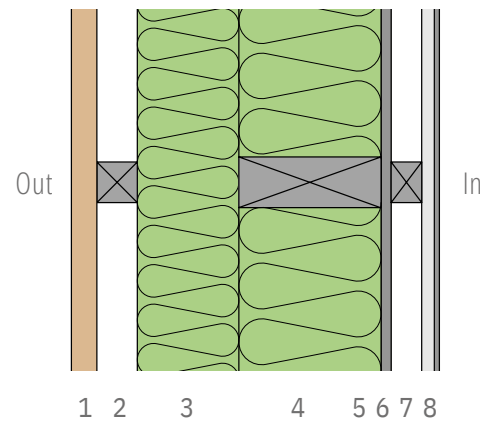
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for all external clad finishing options including brick, stone, timber, zinc, etc.

PLAN-SECTION OF SYSTEM

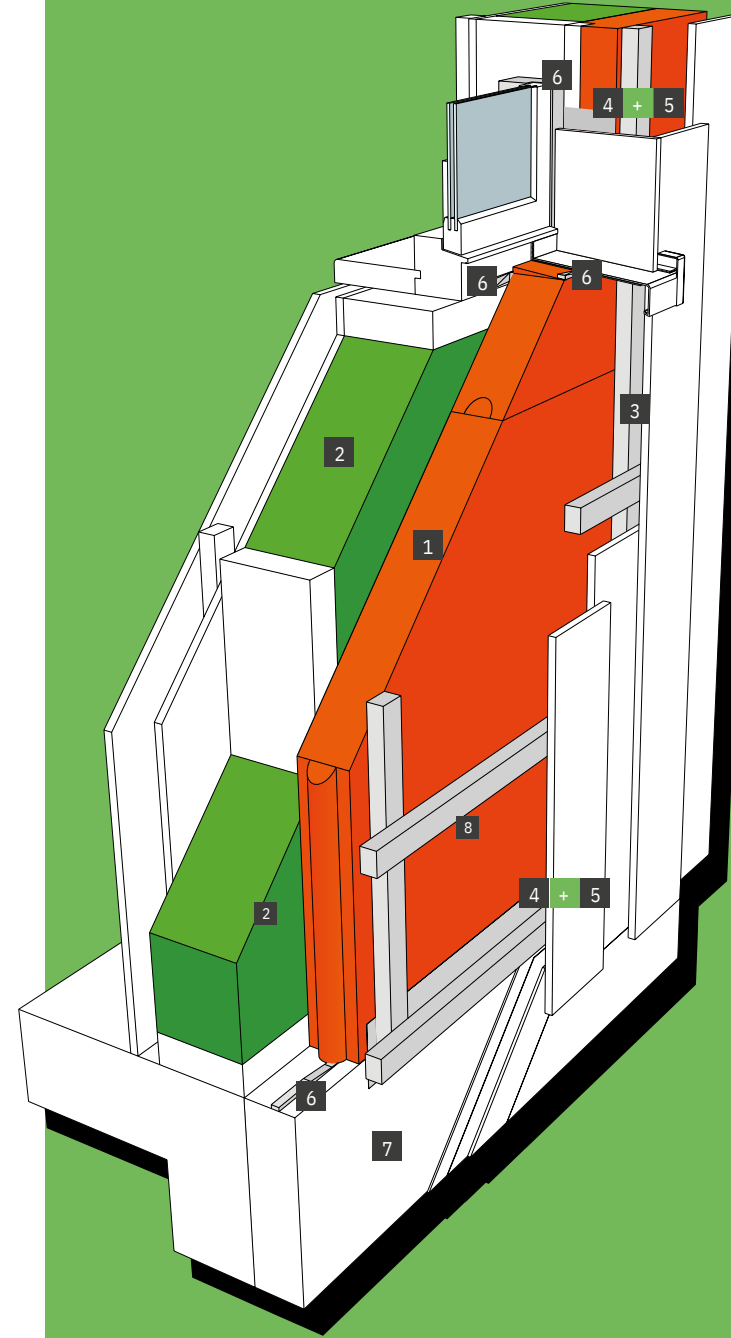
1. Cladding system (timber, brick, screen etc.)
2. Battened to create a 40mm ventilated void
3. Isolair Multi 30/40/60/80/100/120mm
4. Stud & PAVAFLEX
5. Racking board incl. airtightness detail (e.g. OSB 12/15 mm)
6. Service void 25 mm - optional
(can be insulated for improved performance)
7. Plasterboard 12.5 mm
8. Plaster, skim








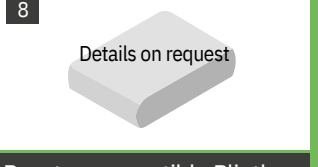


HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD

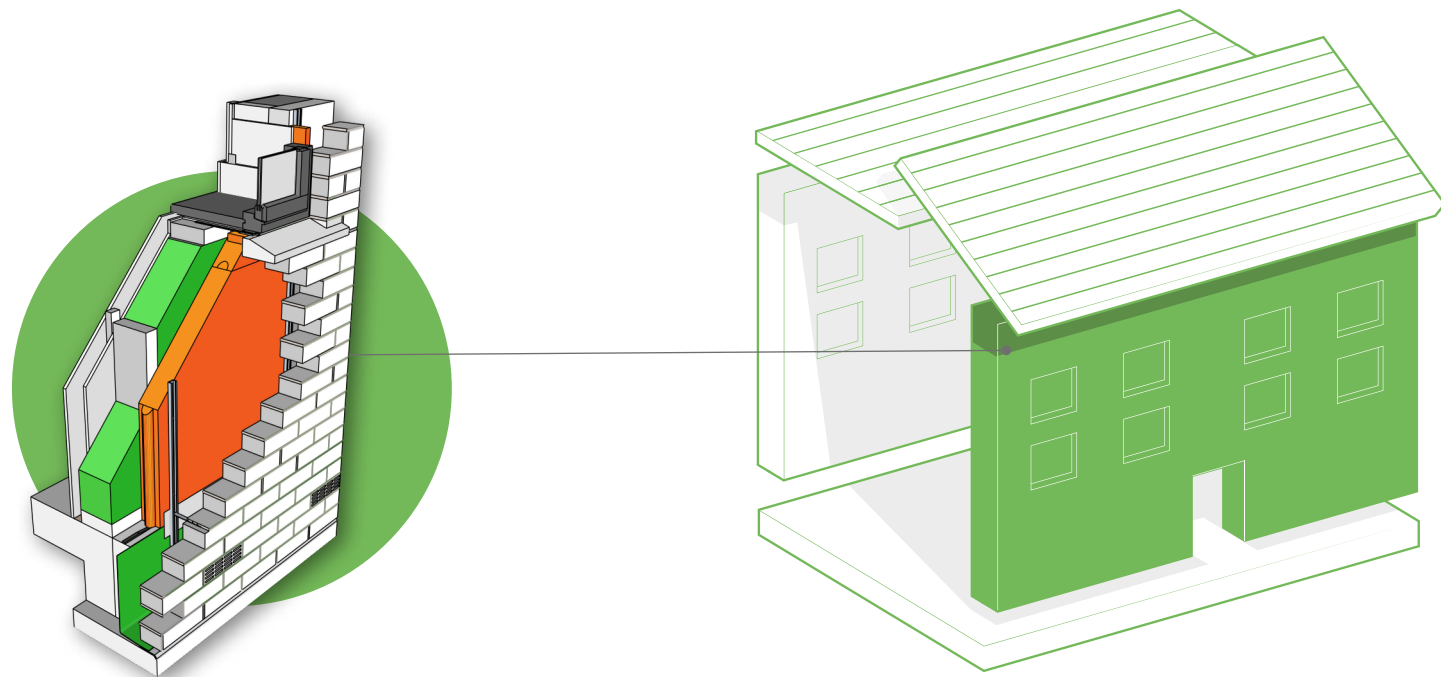


COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR TIMBER FRAME: CLAD



 1 Isolair Multi	 2 Pavaflex
 3 HECO Topix	 4 Pavatape 150, external
 5 Pavaprim primer	 6 ISO-Bloco 600 2-6
 7 Plinth board (XPS)	 8 Details on request Pavatex compatible Plinth board sealing system

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

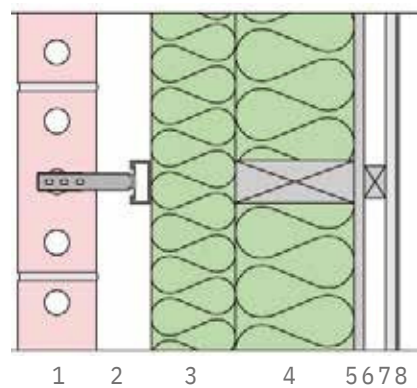


SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

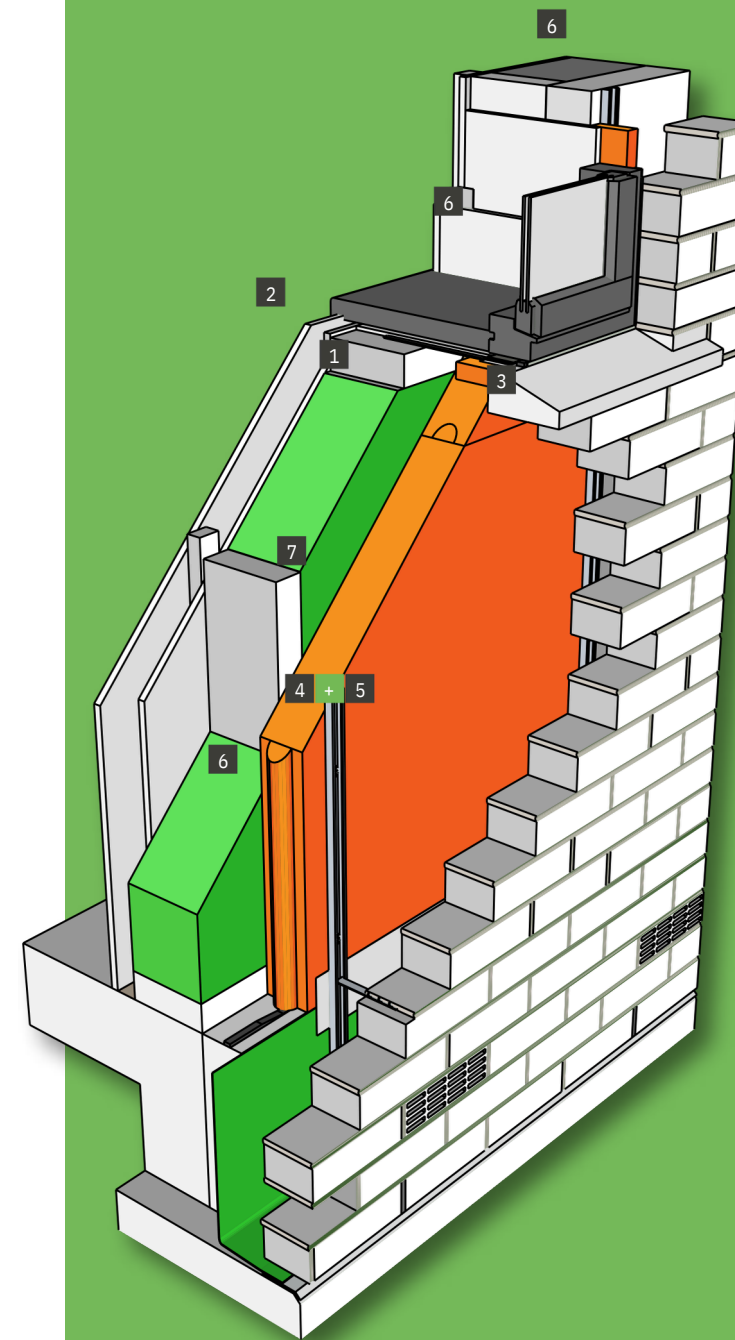
PLAN-SECTION OF SYSTEM








1. Brick Clad
2. Ancon SD 25 Wall Ties or similar
3. Ancon 25/14 Channels or similar
4. Isolair Multi 30/40/60/80/100/120mm
5. Stud & Pavatex PAVAFLEX
6. Racking board incl. airtightness detail (e.g. OSB 12/15 mm)
7. Service void 25 mm - optional
(can be insulated for improved performance)
8. Plasterboard 12.5 mm
9. Plaster, skim



The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for most external clad options including brick & stone.

COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR TIMBER FRAME: BRICKCLAD



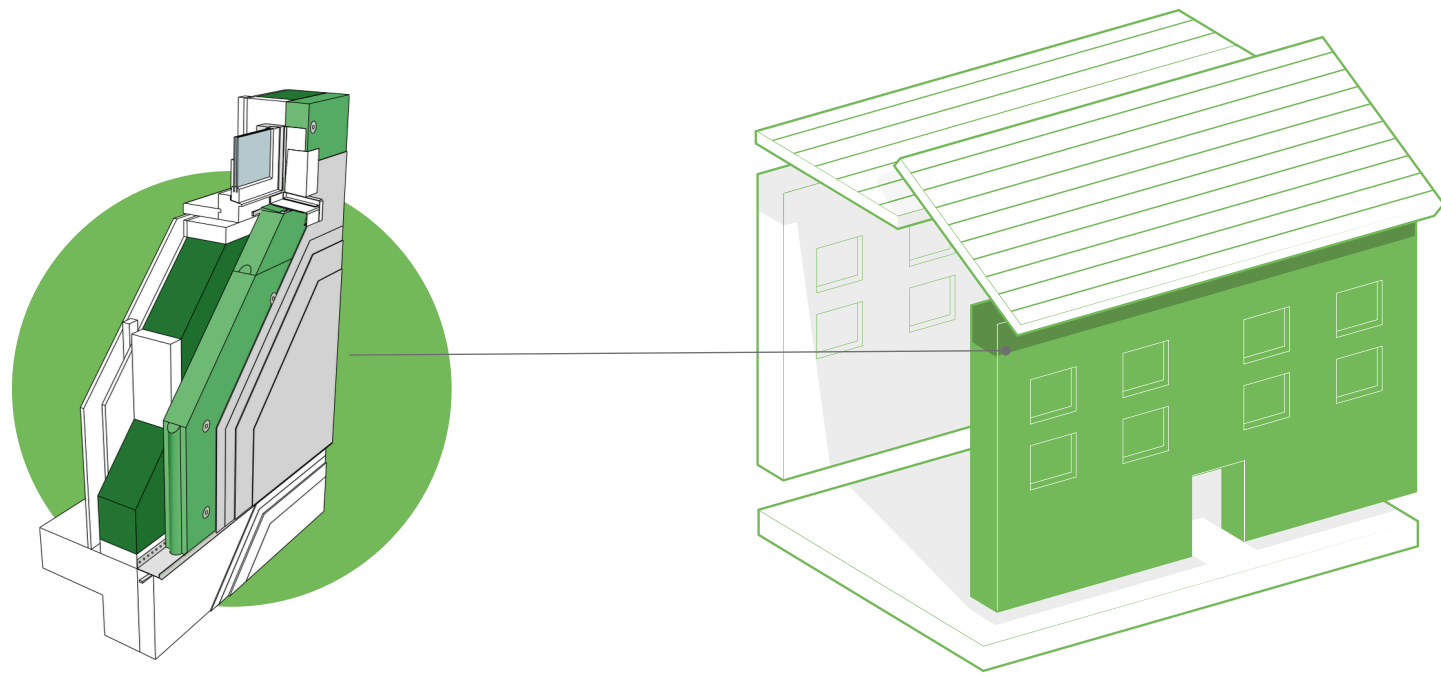
 Isolair Multi	 Pavaflex
 STR-H (for temporary fixing of the boards)	 Pavatape 150, external
 Pavaprim primer	 ISO-Blocco 600 2-6
 Ancon 25/14 Restraint System**	

HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



* Please refer to the contents page of this pack to find more information about the range of Pavatex products

** Not supplied by Soprema



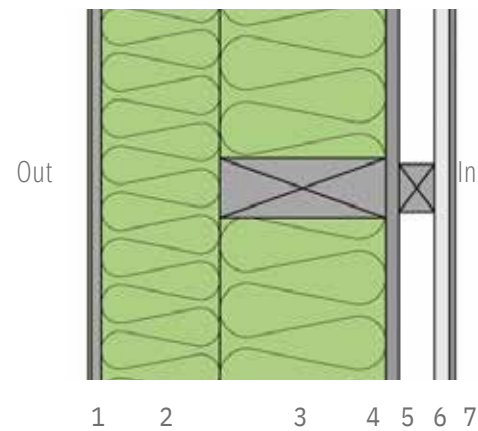
SYSTEM PERFORMANCE

u - values 0.26 – 0.10

y – values 0.05 – 0.02

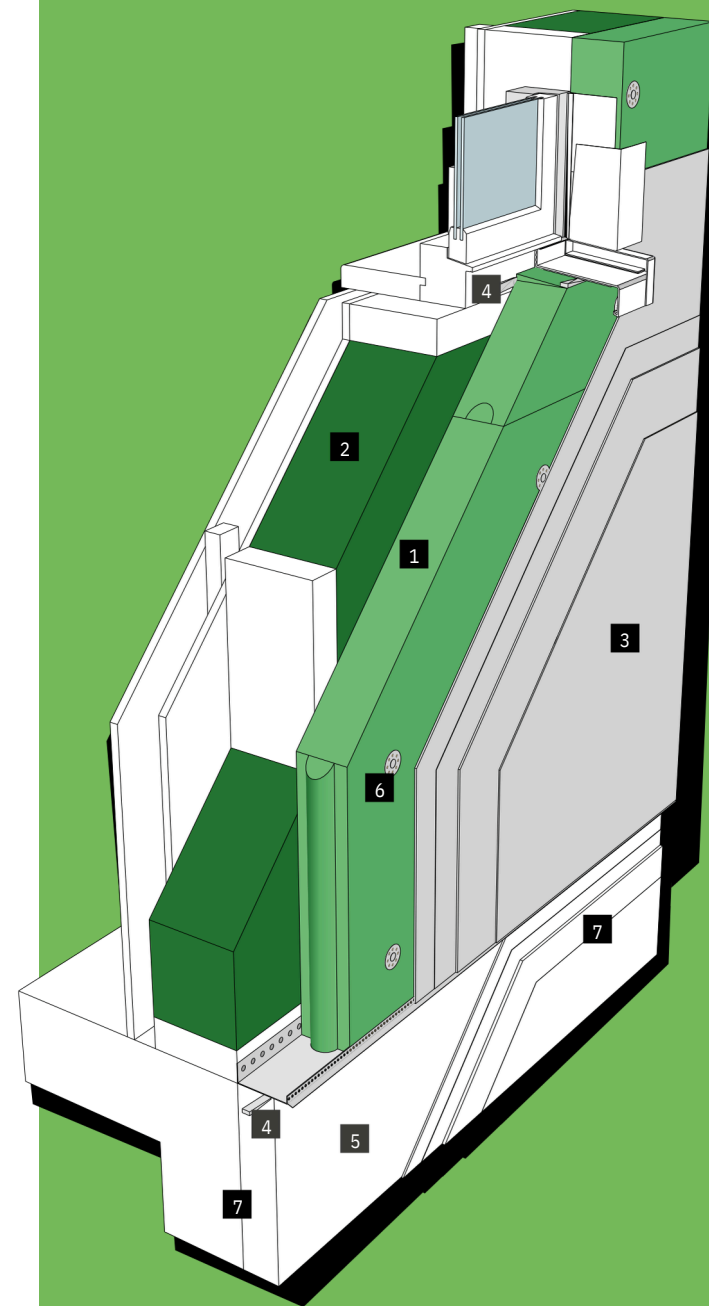
PLAN-SECTION OF SYSTEM

- 1.Pavatex compatible 2-coat render system
- 2.Isolair Multi 40/60/80/100/120mm
- 3.Stud fully filled with PAVAFLEX
- 4.Racking board incl. airtightness detail (eg OSB 12/15mm)
- 5.Service void 25 mm
(can be insulated for improved performance)
6. Plasterboard 12.5 mm
- 7.Plaster, skim



The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is available in an extensive number of render options including colour, texture and weathering resistance.

COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR TIMBER FRAME: RENDER

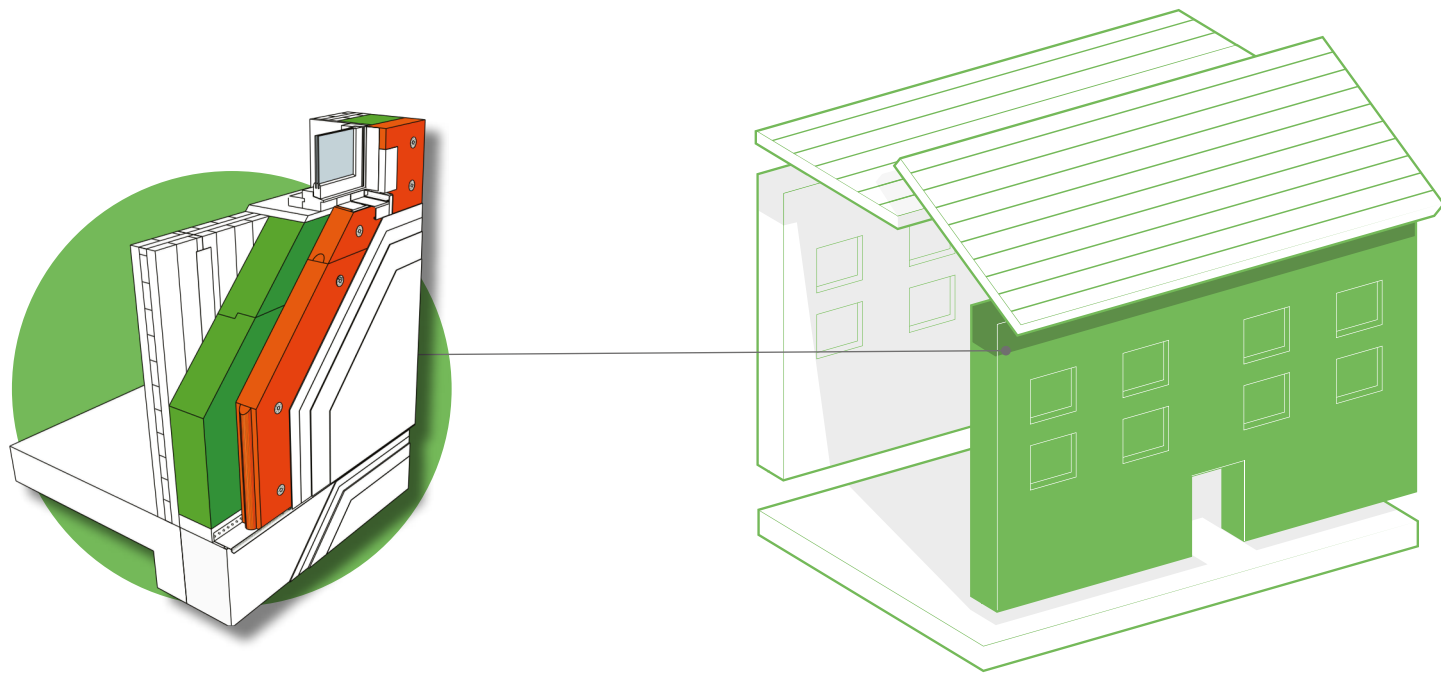


1 Isolair Multi	2 Pavaflex
3 Details on request	4 ISO-Bloco 600 2-6
5 Plinth board (XPS)	6 STR-H
7 Details on request	 Pavatex compatible plinth board render and sealing system

HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



* Please refer to the contents page of this pack to find more information about the range of Pavatex products



SYSTEM PERFORMANCE

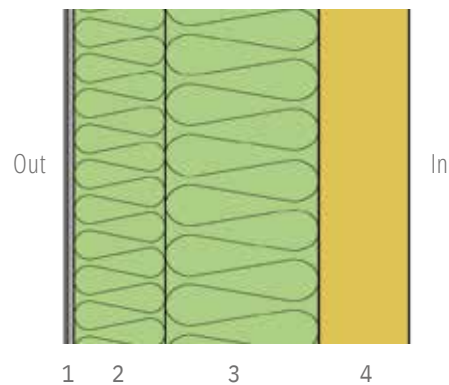
u - values 0.26 – 0.10

y – values 0.05 – 0.02

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is available in an extensive number of render options including colour, texture and weathering resistance.

PLAN-SECTION OF SYSTEM

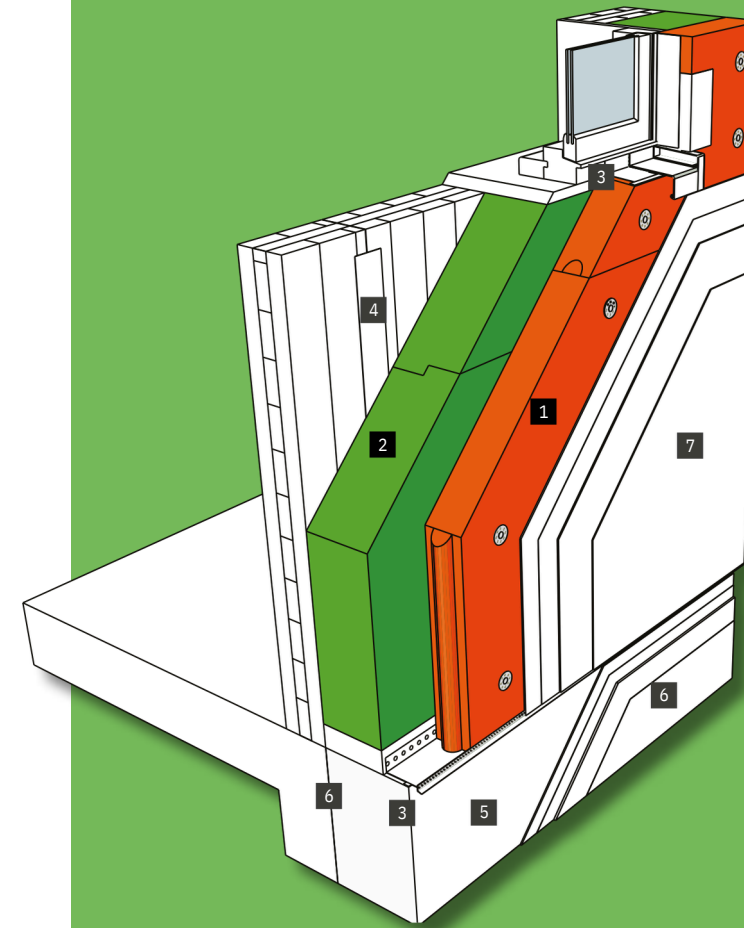
- 1. Pavatex 2-coat render system
- 2. Isolair Multi 60mm
- 3. PAVATHERM standard 80/100/120/140mm or more
- 4. Cross laminated timber structure




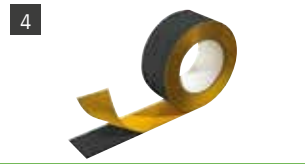





HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD

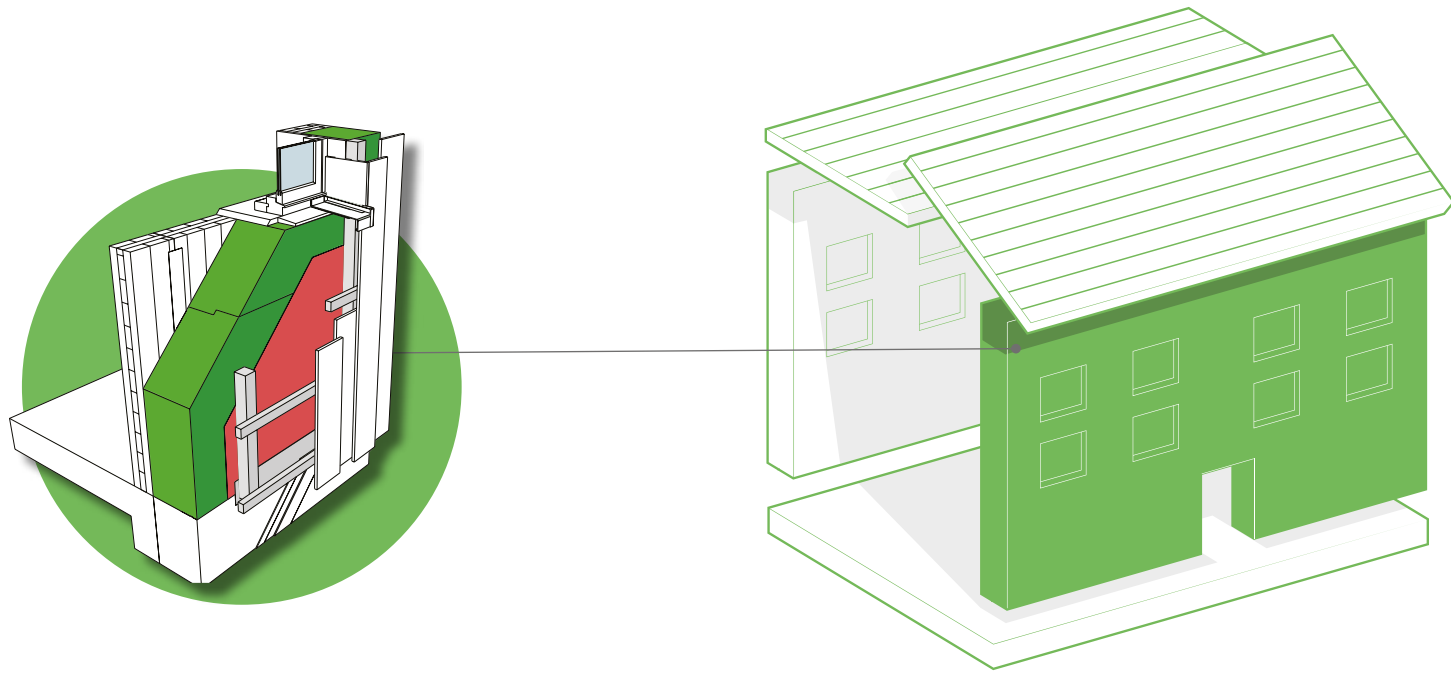


COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR LAMINATED TIMBER RENDER



 1 Isolair Multi	 2 Pavatherm
 3 ISO-Bloco 600 2-6	 4 Pavafix 60 Tape
 5 Plinth board (XPS)	 6 Details on request Pavatex compatible Plinth board sealing system
 7 Details on request Pavatex compatible external render system	

* Please refer to the contents page of this pack to find more information about the range of Pavatex products



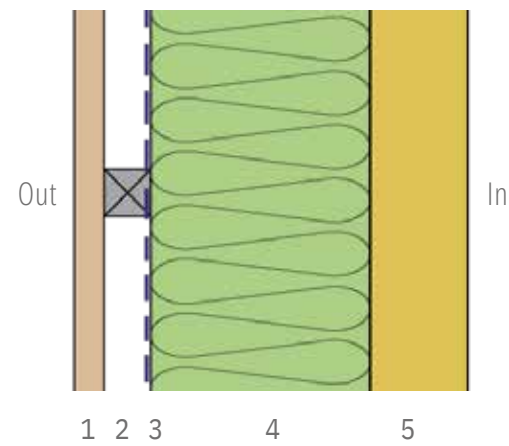
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for all external clad finishing options including brick, stone, timber, zinc, etc.

PLAN-SECTION OF SYSTEM

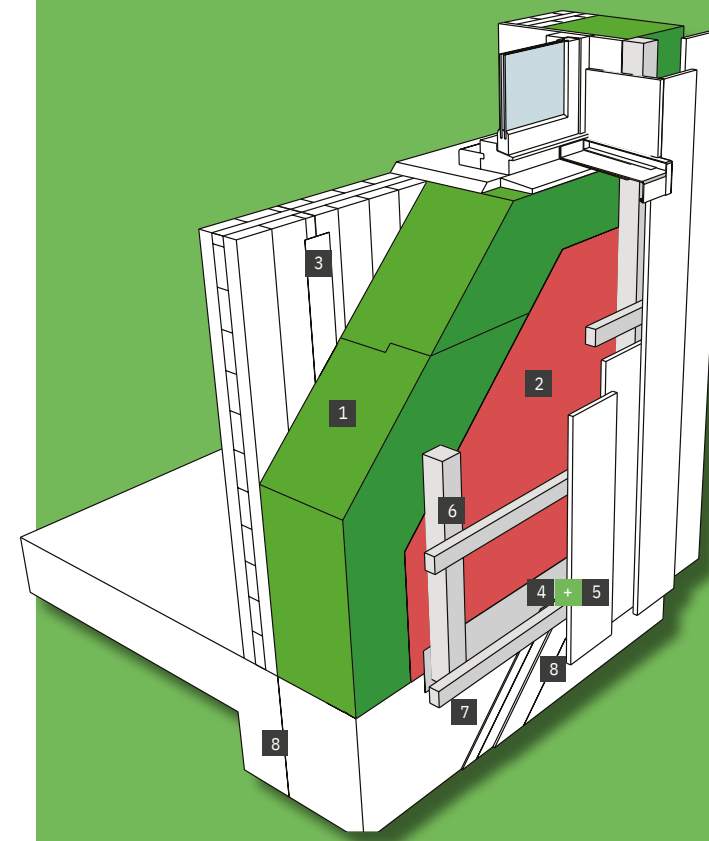
1. Cladding system (timber, brick, screen etc.)
2. Battened to create a 50mm ventilated void
3. Pavatex ABD (red)
4. PAVATHERM standard 80/100/120/140mm or more
5. CROSS LAMINATED TIMBER STRUCTURE



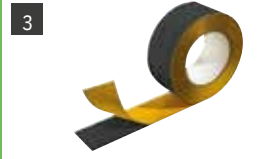




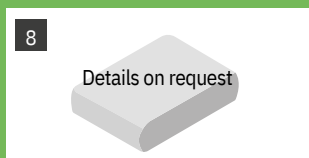


HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD

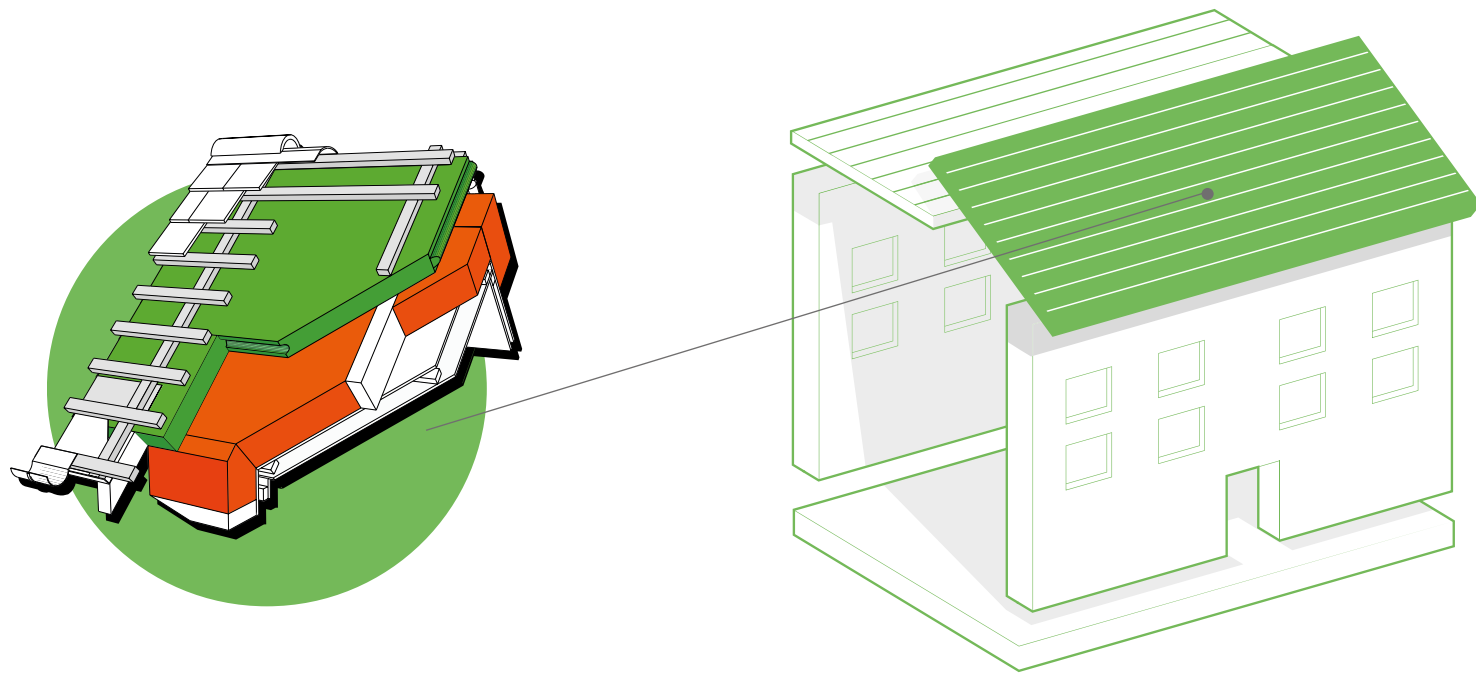


COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR LAMINATED TIMBER CLAD



1  Pavatherm	2  ADB Breathable Membrane
3  Pavafix 60 Tape	4  Pavafix 150 Tape
5  Pavaprim primer	6  Heco Topix-Therm, double threaded fixings
7  Plinth board (XPS)	8  Details on request Pavatex compatible Plinth board render and sealing system

* Please refer to the contents page of this pack to find more information about the range of Pavatex products



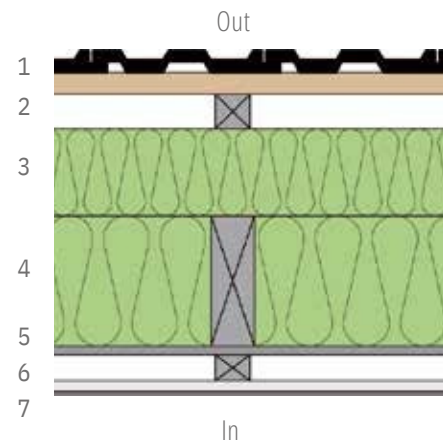
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for most external finishing options including metal, clay or slate tiling etc.

CROSS-SECTION OF SYSTEM

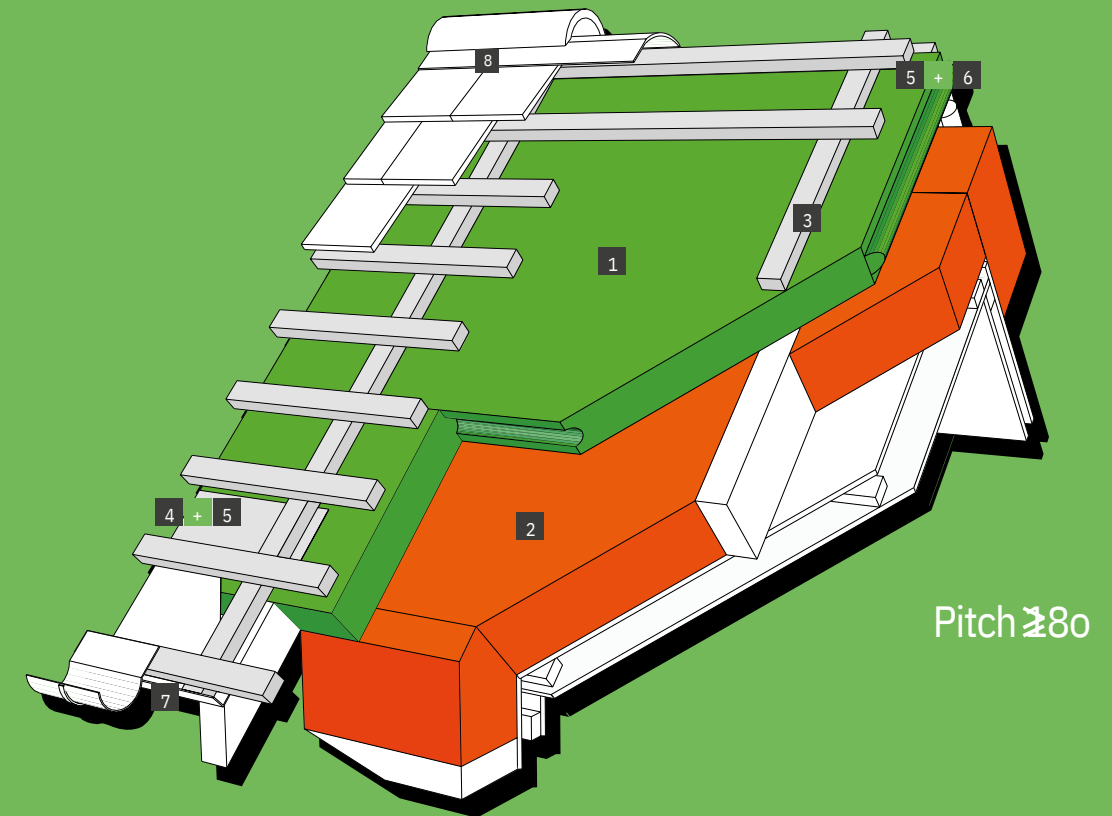
1. Roofing (tiles, slates, tile batten etc.)
2. Counter battens 50 x 38 mm
3. Isolair Multi 30/40/60/80/100/120mm
4. Rafters fully filled with Pavaflex
5. OSB (support & airtightness)
6. Service void 25 mm - optional
(can be insulated for improved performance)
7. Plasterboard 12.5 mm with skim



HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



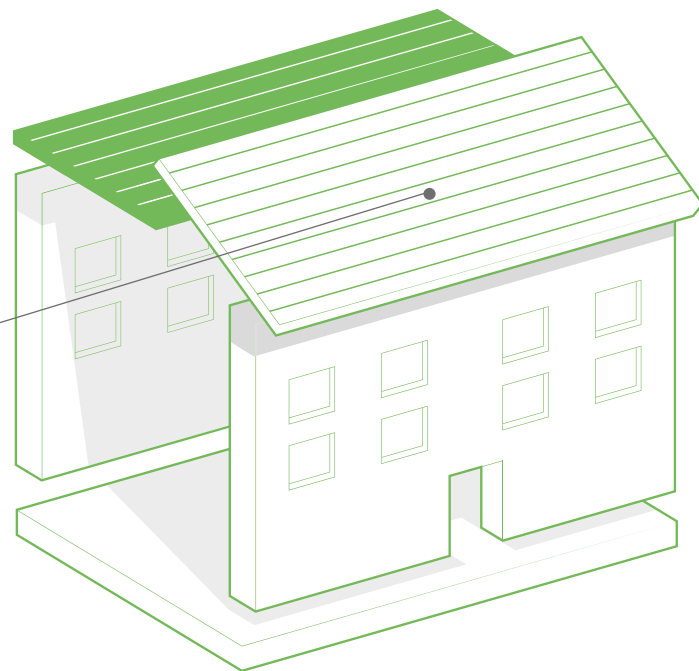
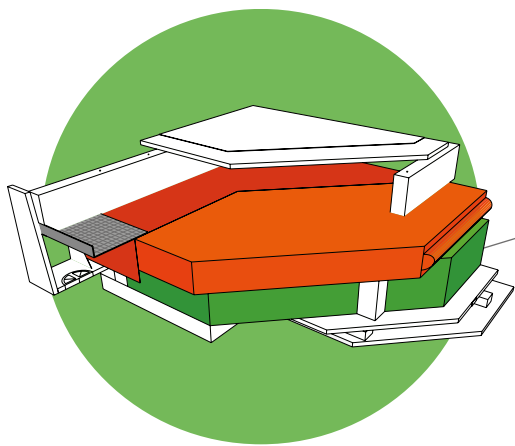
COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR ROOF: PITCHED



Pitch 18°

 1 Isolair Multi	 2 Pavaflex	 3 HECO Topix	 4 Pavatape 75
 5 Pavaprim primer	 6 Pavatape 150	 7 Eaves Vents Details on request	 8 Ridge Vent Details on request

* Please refer to the contents page of this pack to find more information about the range of Pavatex products



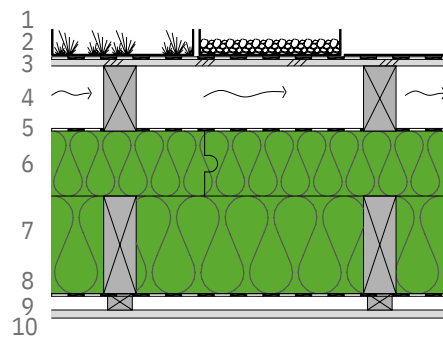
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for most external finishing options including sedum, metal, timber or similar decking.

CROSS-SECTION OF SYSTEM

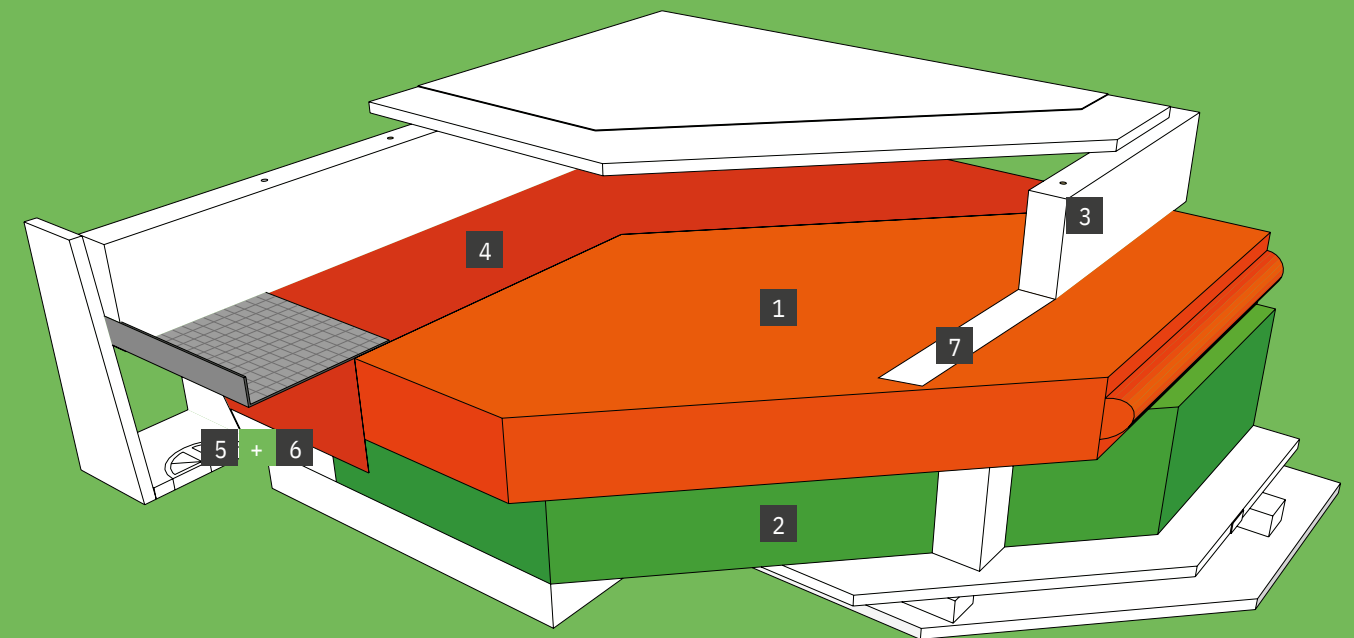
1. Finish covering (such as green roof or gravel)
2. Soprema flat roof membrane
3. WBP Plywood
4. Battens for ventilation (100mm)
5. Breathable roofing membrane
6. Isolair Multi
7. Rafters / PAVAFLEX
8. Airtightness membrane (taped)
9. Service void 25mm
10. Plasterboard 12.5mm



HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR ROOF: FLAT

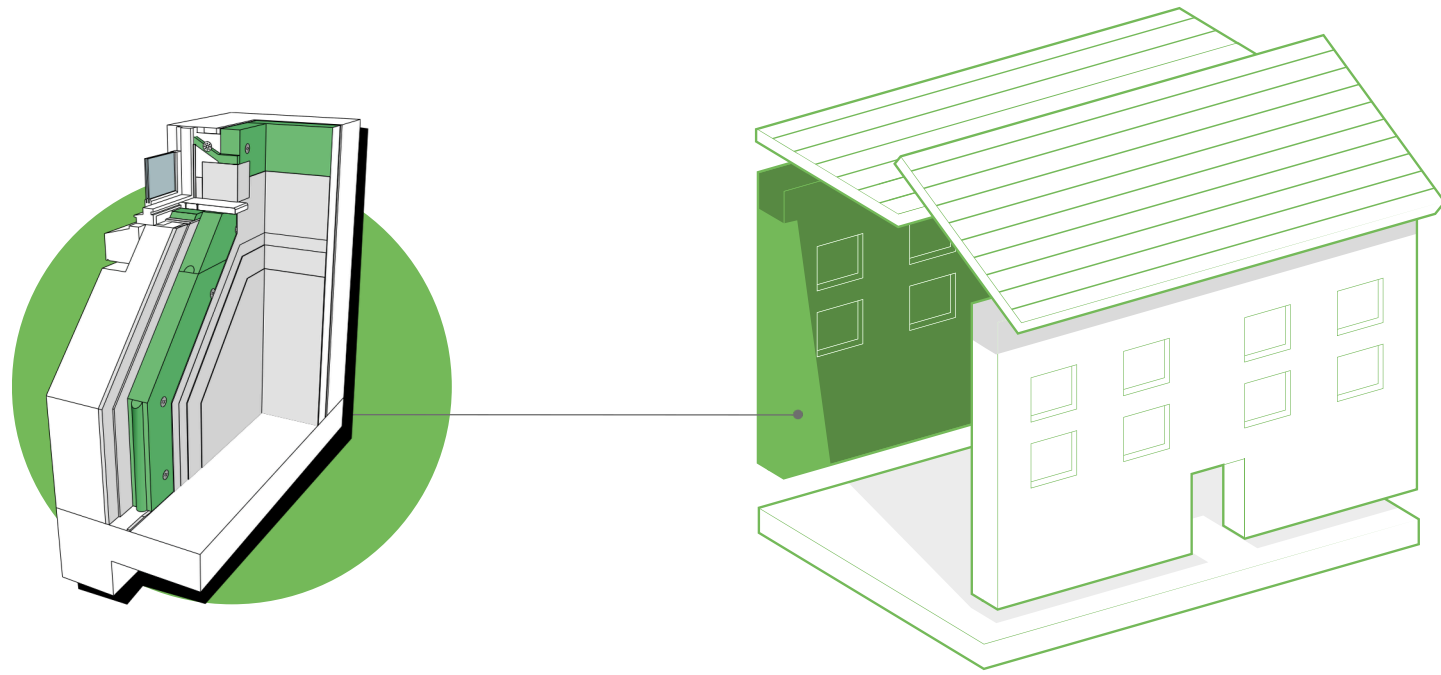


Pitch 30

 1 Isolair Multi	 2 Pavaflex	 3 Heco Topix-Therm, double threaded fixings	 4 ADB Breathable Membrane
 5 Pavatape	 6 Pavaprim primer	 7 Pavatex SN Band, Screw sealing tape	

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR INTERNAL WALL INSULATION LIME PLASTERED FINISH



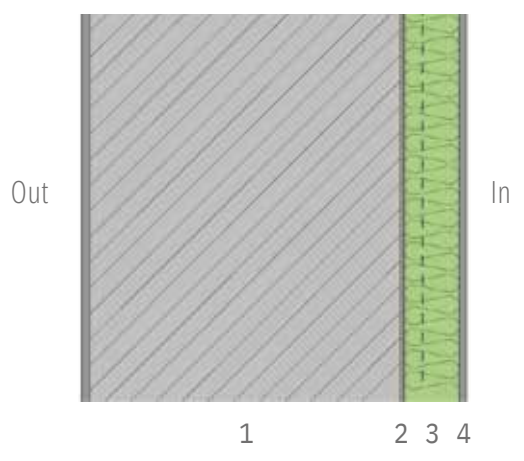
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 airtightness 5 – 3 @50pa

A highly effective solution that eliminates the moisture risk associated with IWI. Pavatex IWI systems use Isolair Multi to provide active moisture control through absorption and redistribution of moisture within a woodfibre board. The system combines the best of modern technological advances with natural, traditional materials; finished with a Pavatex compatible lime plaster that perfectly complements traditional and modern wall finishes.

PLAN-SECTION OF SYSTEM

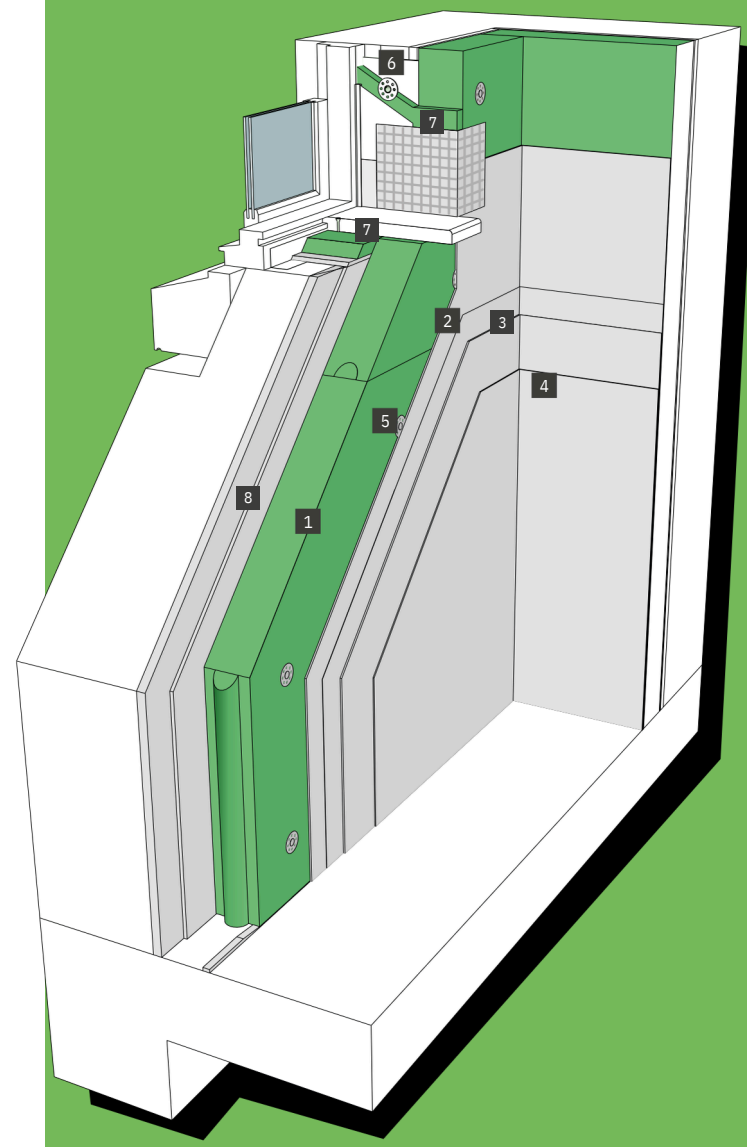
- 1.External wall (masonry/stone)
- 2.Pavatex compatible lime bonding coat
- 3.Isolair Multi
- 4. Pavatex compatible lime plaster system









HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



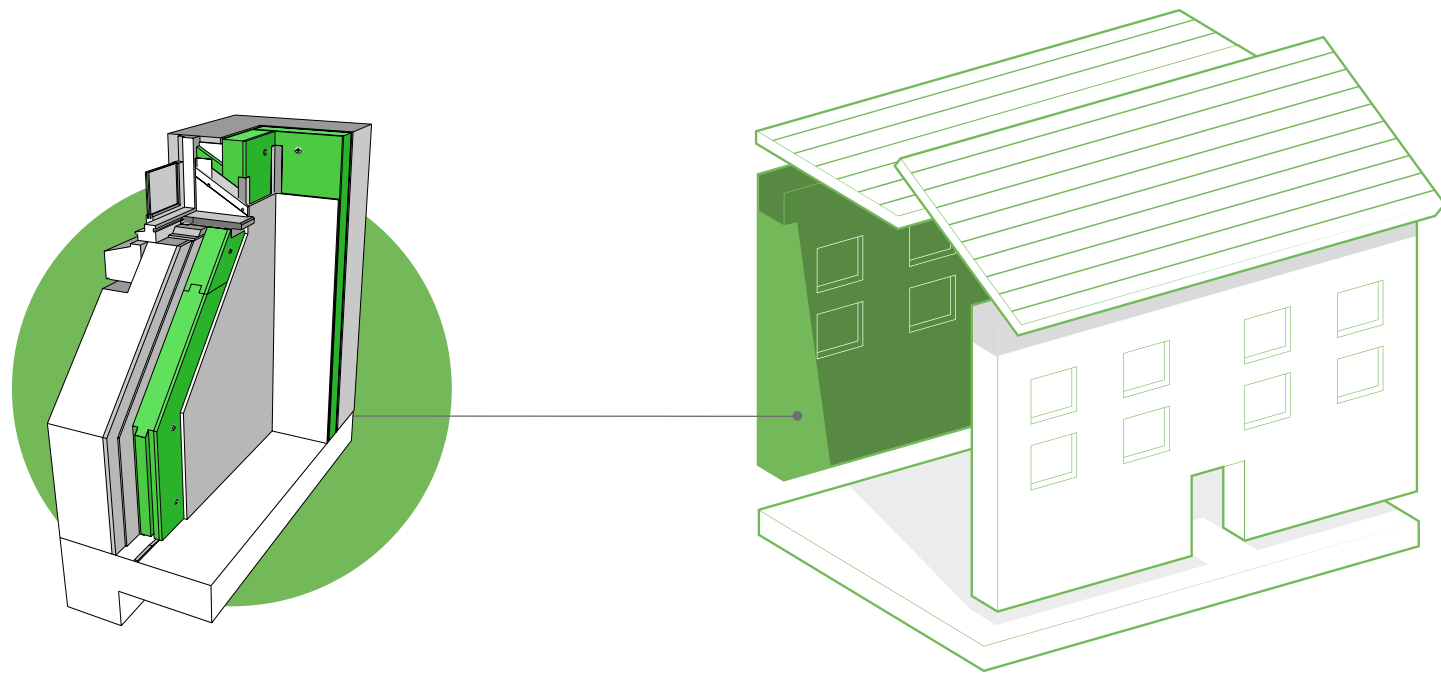
COMPONENTS & ACCESSORIES FOR PAVATEX INTERNAL WALL INSULATION SYSTEM LIME PLASTERED FINISH



 1 Isolair Multi	 2 + 3 + 4 Details on request Pavatex compatible lime plaster system
 5 Ejot H3	 6 Pavatex WIN Tape
 7 Reveal Board	 8 Details on request Pavatex compatible lime levelling coat

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR INTERNAL WALL INSULATION DRY LINED



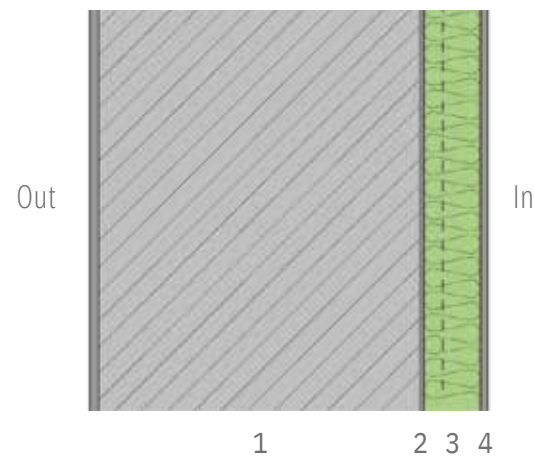
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 airtightness 5 – 3 @50pa

A highly effective solution that eliminates the moisture risk associated with IWI. Pavatex IWI systems use Pavadry to provide active moisture control through absorption and redistribution of moisture within a woodfibre board and integral mineral layer. The system incorporates a composite board, that is drylined with plasterboard, providing a load bearing surface. Installed and made good within a day, the system provides a clean lined modern finish.

PLAN-SECTION OF SYSTEM

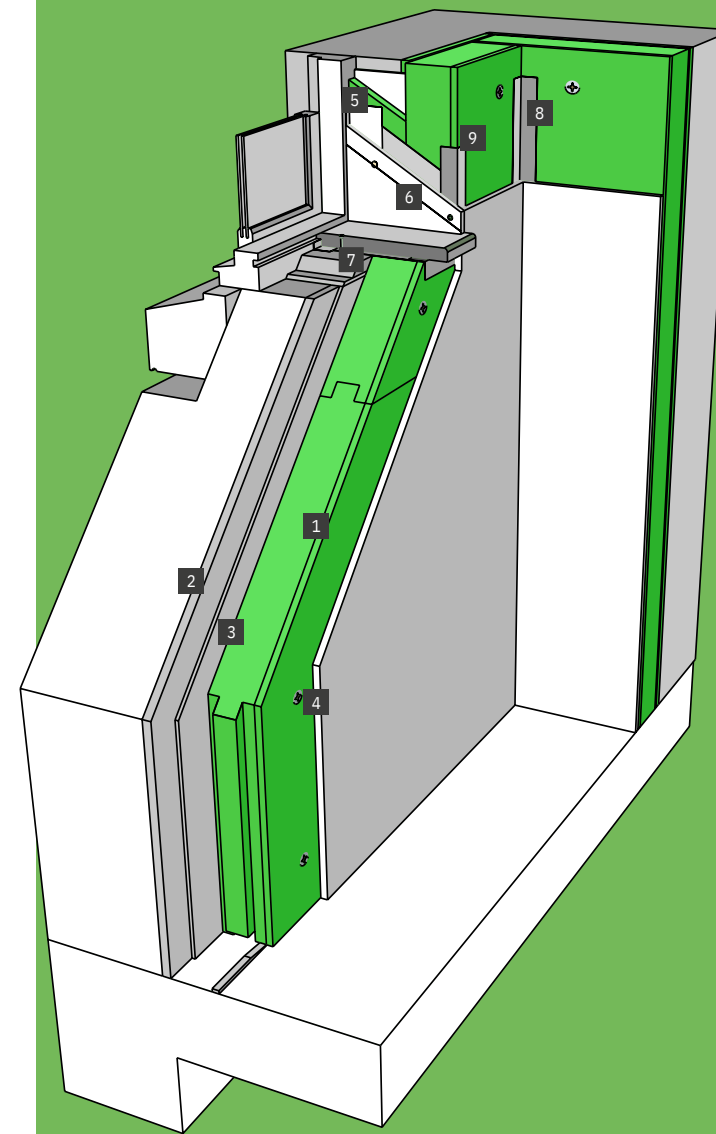
- 1.External wall (masonry/stone)
- 2.Pavatex absorbent plaster (min 5mm)
- 3.Pavatex Pavadry
- 4. Plasterboard or Fermacell board



HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



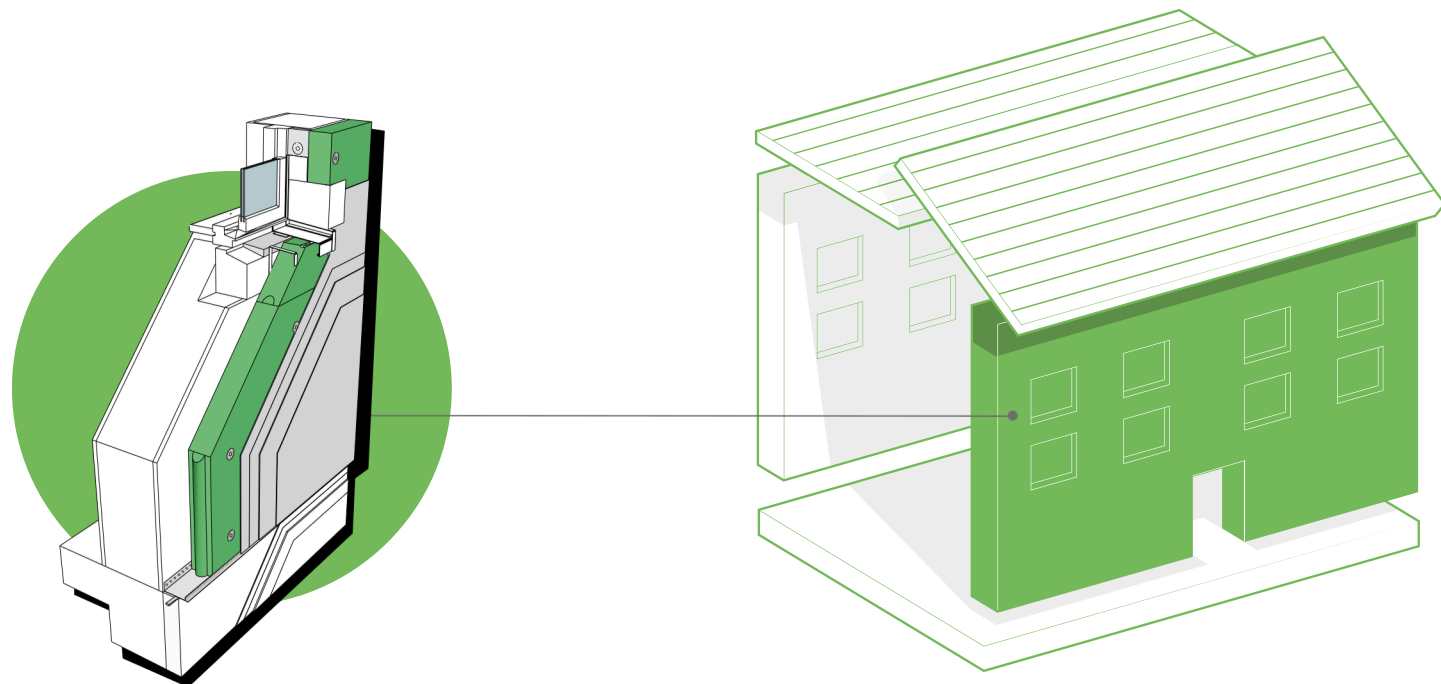
COMPONENTS & ACCESSORIES FOR PAVATEX INTERNAL WALL INSULATION SYSTEM DRY LINED



1 Pavadry	2 Details on request Pavatex compatible levelling coat (optional)
3 Details on request Pavatex compatible lime bonding coat.	4 MRS-U
5 Pavafix WIN, plaster tape	6 Ejot H3
7 Reveal Board	8 + 9 Pavafix 20/40 and Pavafix 60 Internal Tape

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR EXTERNAL WALL INSULATION RENDERED



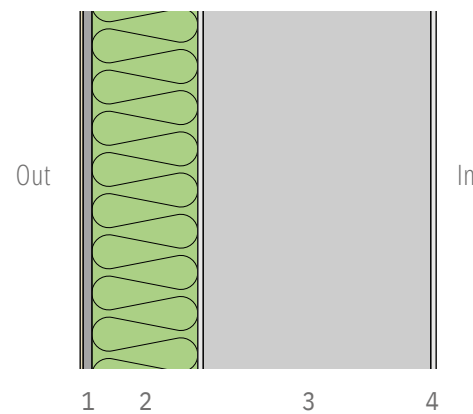
SYSTEM PERFORMANCE

u - values 0.26 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is available in an extensive number of render options including colour, texture and weathering resistance.

PLAN-SECTION OF SYSTEM

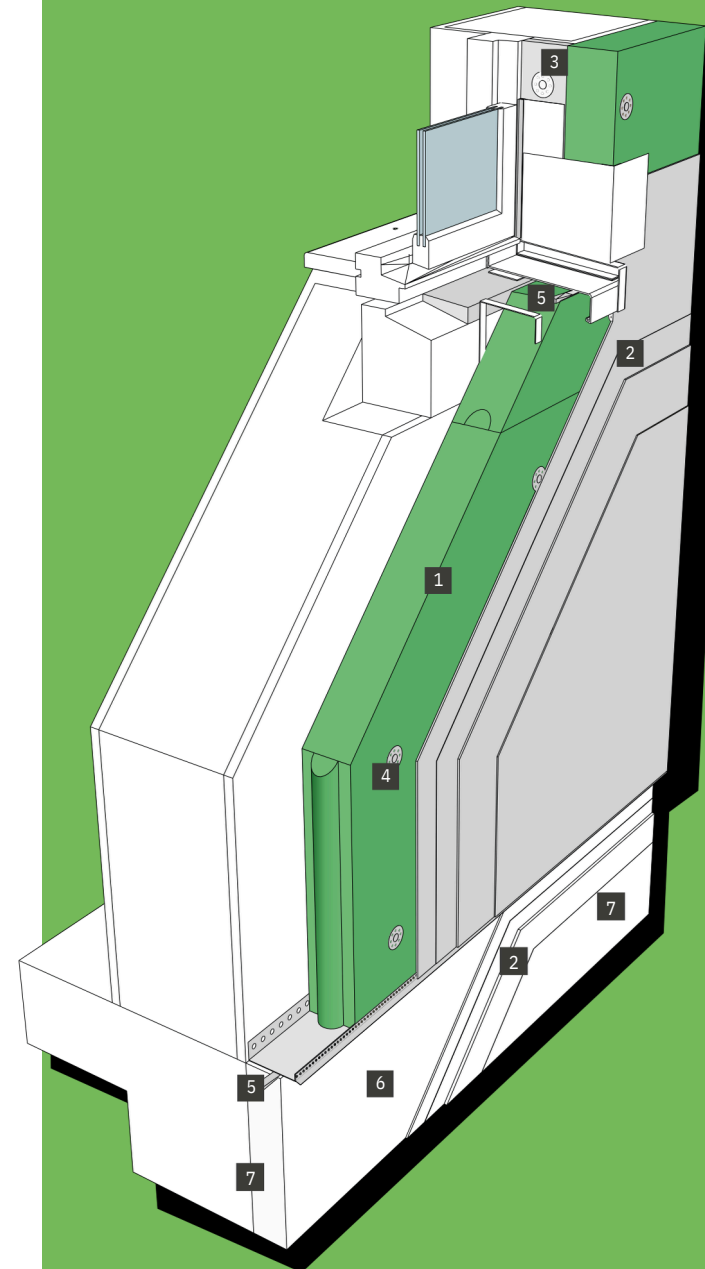
1. Pavatex 2-coat render system
2. Isolair Multi 40/60/80/100/120/140/160mm
3. Masonry substrate
4. Plaster


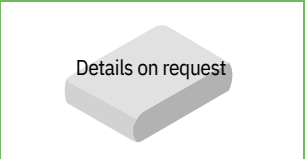







HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



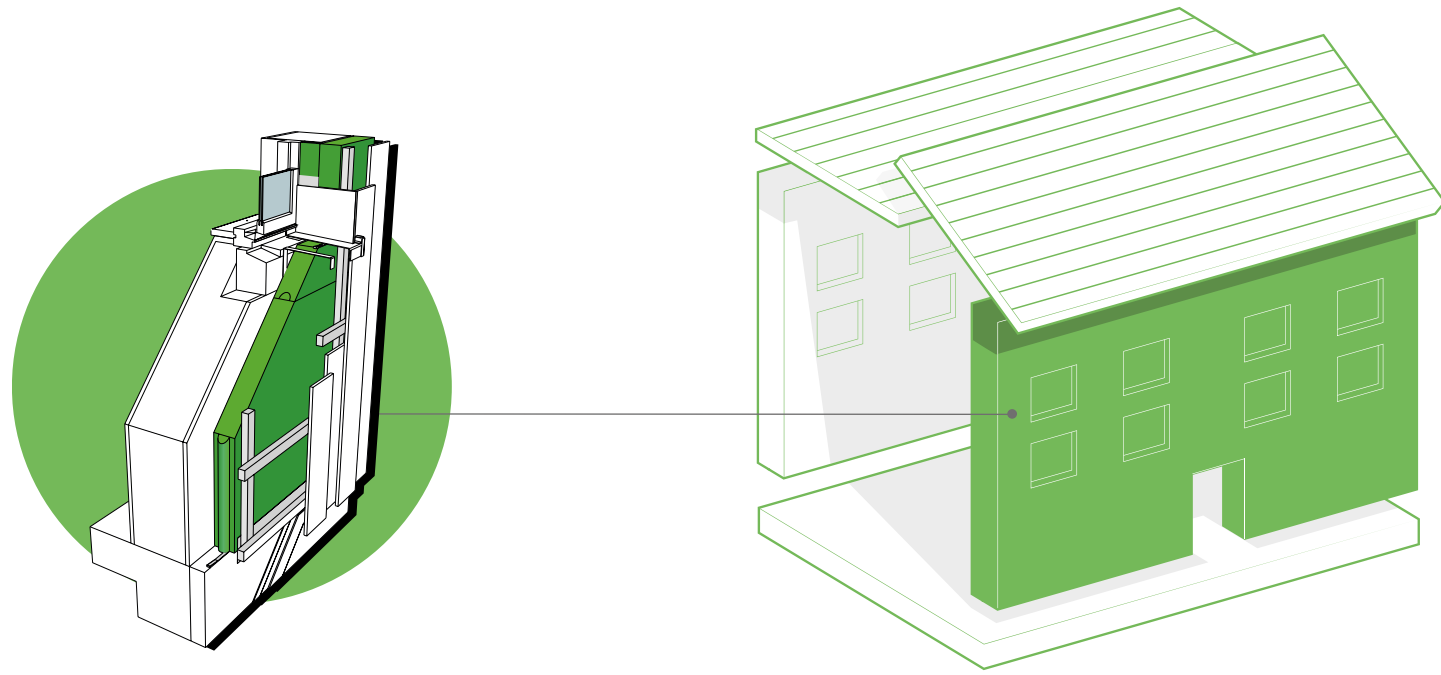
COMPONENTS & ACCESSORIES FOR PAVATEX EXTERNAL WALL INSULATION SYSTEM: RENDERED



 1 Isolair Multi	 Details on request Pavatex compatible render system
 3 Reveal Board	 4 H1 eco
 5 ISO-Blocco 600 6-15	 6 Plinth board (XPS)
 7 Details on request Pavatex compatible Plinth board render and sealing system	

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR EXTERNAL WALL INSULATION CLAD



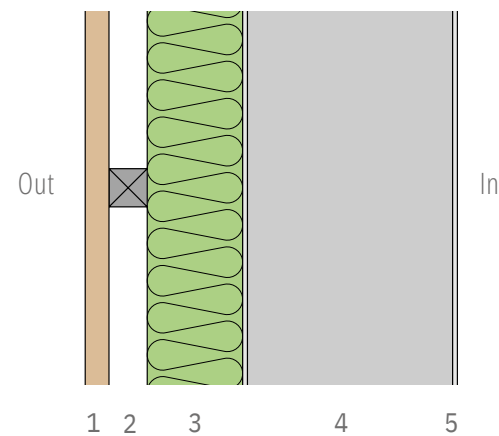
SYSTEM PERFORMANCE

u - values 0.30 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for all external clad finishing options including brick, stone, timber, zinc, etc.

PLAN-SECTION OF SYSTEM

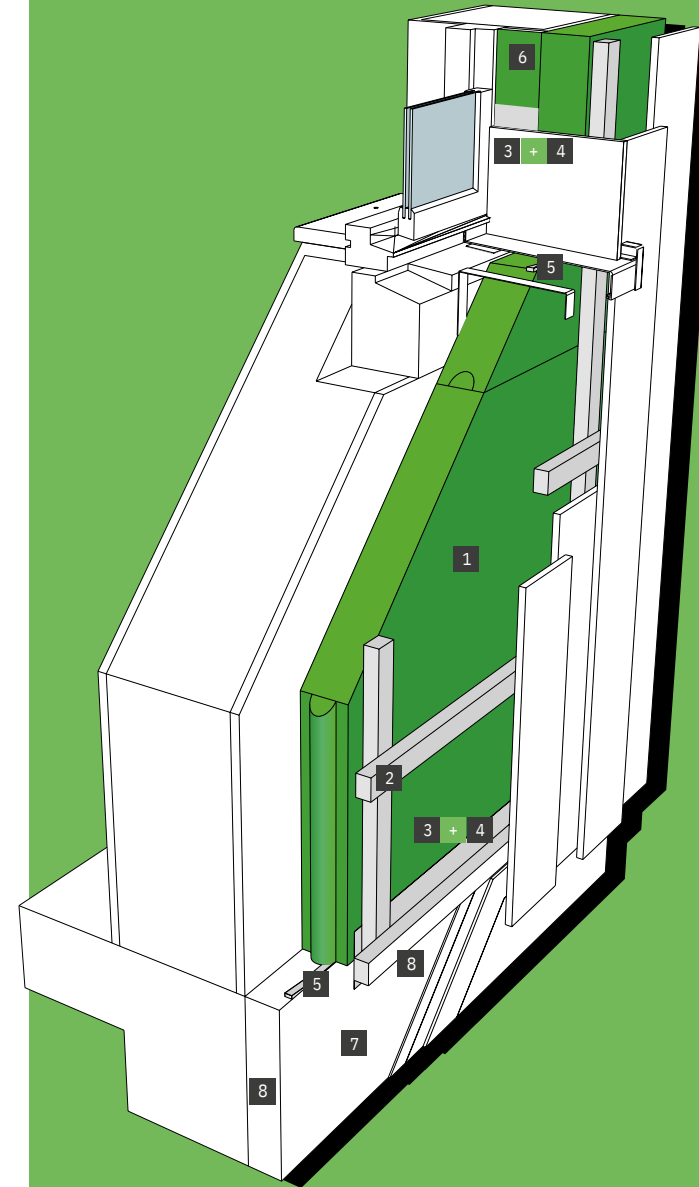
1. Cladding system (timber, brick, screen etc.)
2. Battened to create a 40mm ventilated void
3. Isolair Multi 30/40/60/80/100/120mm
4. Masonry substrate
5. Plaster








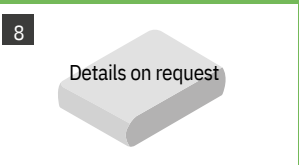


HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



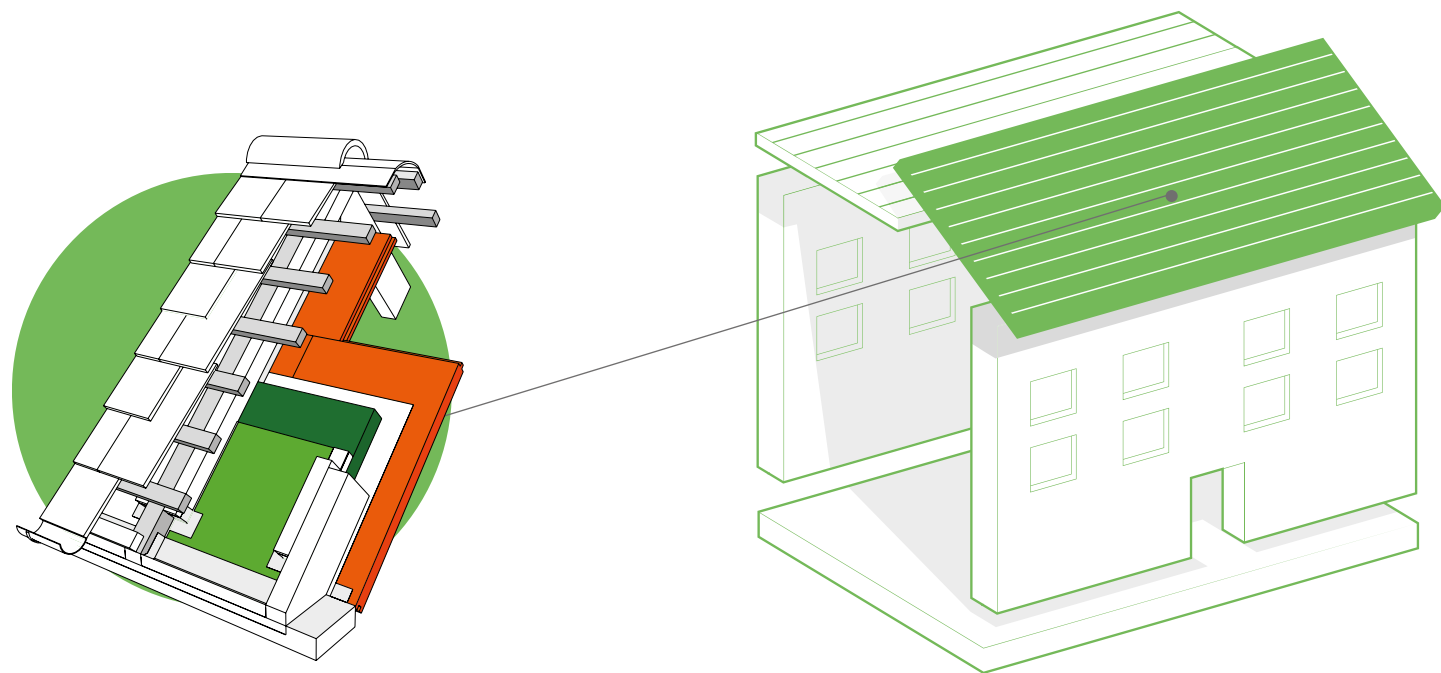
COMPONENTS & ACCESSORIES FOR PAVATEX EXTERNAL WALL INSULATION SYSTEM: CLAD



 1 Isolair Multi	 2 MQL-ST
 3 Pavatape 150, External	 4 Pavaprim Primer
 5 ISO-Bloco 600 6-15	 6 Reveal Board
 7 Plinth board (XPS)	 8 Details on request Pavatex compatible Plinth board render and sealing system

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR ROOF PITCHED INTERNALLY FITTED



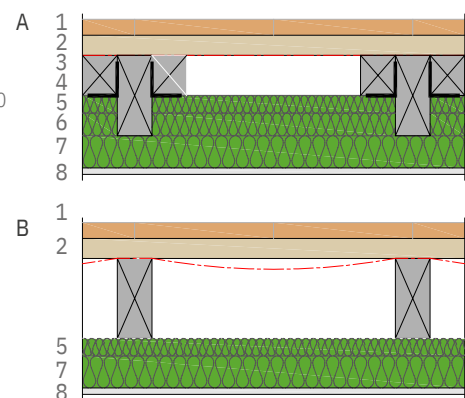
SYSTEM PERFORMANCE

- u - values 0.30 – 0.10
- y – values 0.05 – 0.02
- airtightness 5 – 0.6 @50pa

The system complies with baseline building regulations through to Passivhaus. The system is suitable for most internal finishing options including lime plaster, clay plaster or plaster board finish.

CROSS-SECTION OF SYSTEM

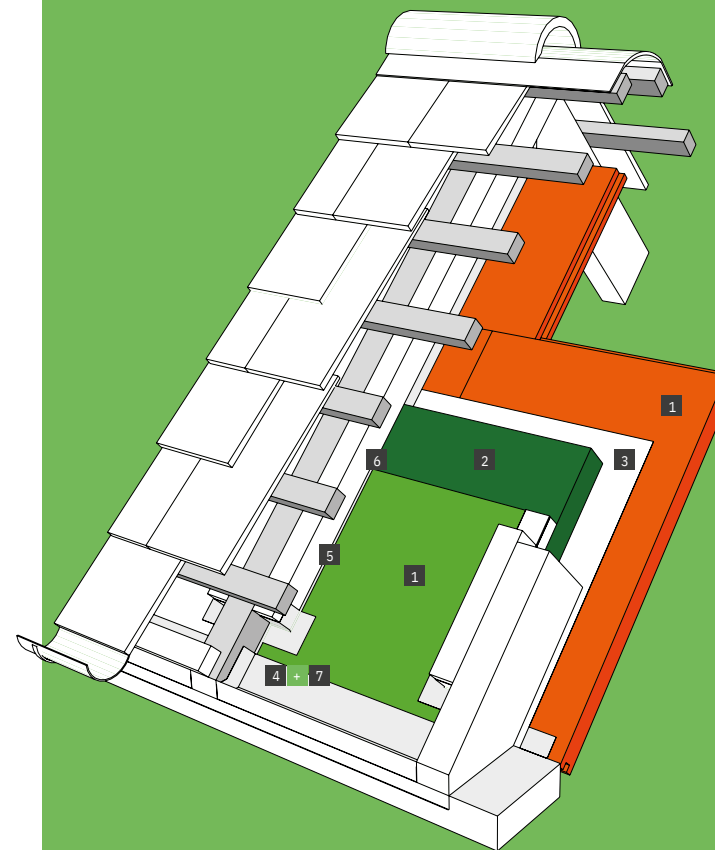
- Existing tiles/slates
- Existing non-breathable felt
- New treated timber battens (min. 45mm height), fixed to existing rafters to create ventilation area
- Pavatex system glue (to seal battens to rafters and woodfibre boards to battens)
- Isolair Multi 30mm
- PAVAFLEX between battens
- Isolair Multi 30/40/60/80/100/120mm
- a) Pavatex lime-based plaster system
b) Airtightness membrane; service void and plasterboard










HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



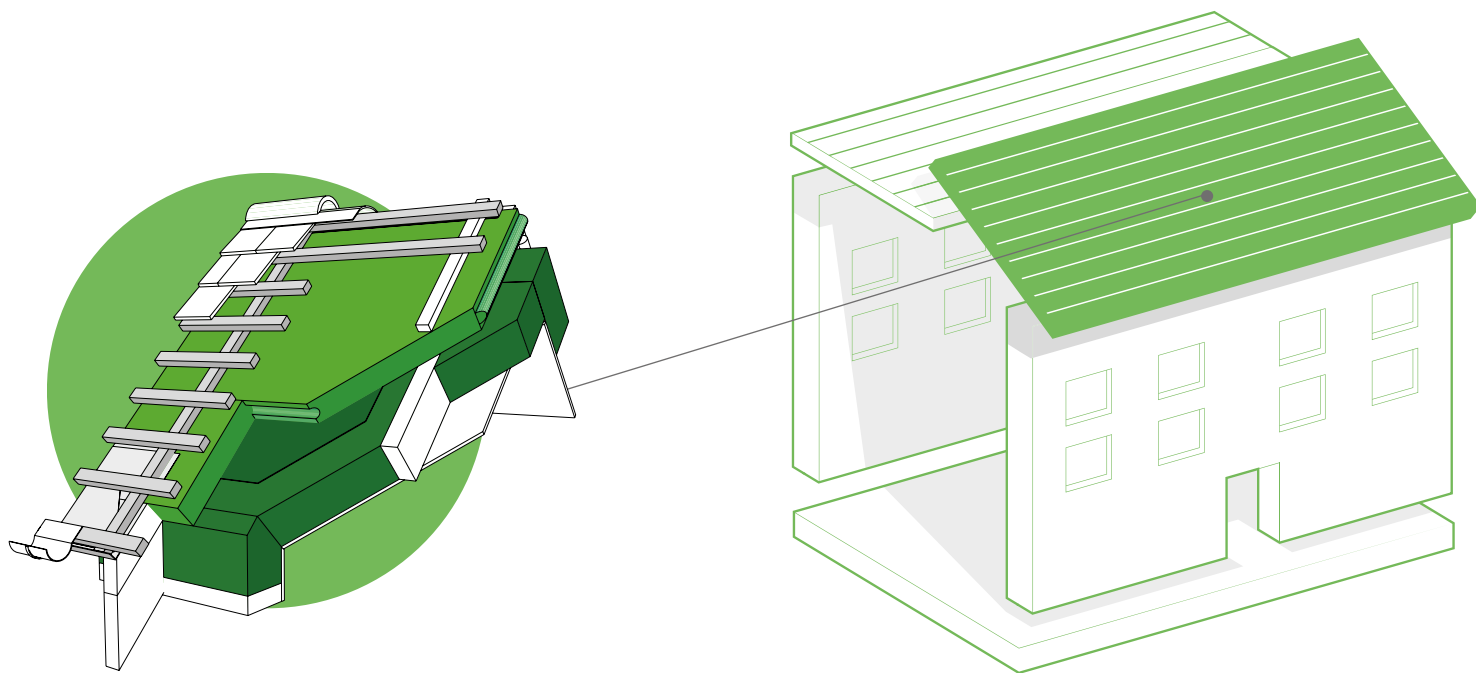
COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR INTERNALLY FITTED ROOF: PITCHED



 1 Isolair Multi	 1 Pavaflex
 3 Pavatex Air tight membrane DB 3.5	 4 Pavatape 150
 5 Pavacoll adhesive	 6 Ejot VHTR 4.8
 7 Pavaprim primer	

* Please refer to the contents page of this pack to find more information about the range of Pavatex products

RETROFIT SYSTEM FOR ROOF PITCHED EXTERNALLY FITTED



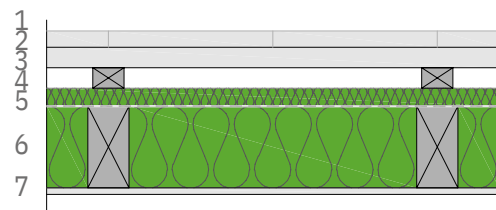
SYSTEM PERFORMANCE

u - values 0.30 – 0.10
 y – values 0.05 – 0.02
 airtightness 5 – 0.6 @50pa

The system complies with the most stringent of standards – from baseline building regulations through to Passivhaus. The system is suitable for most external finishing options including metal, clay or slate tiling etc.

CROSS-SECTION OF SYSTEM

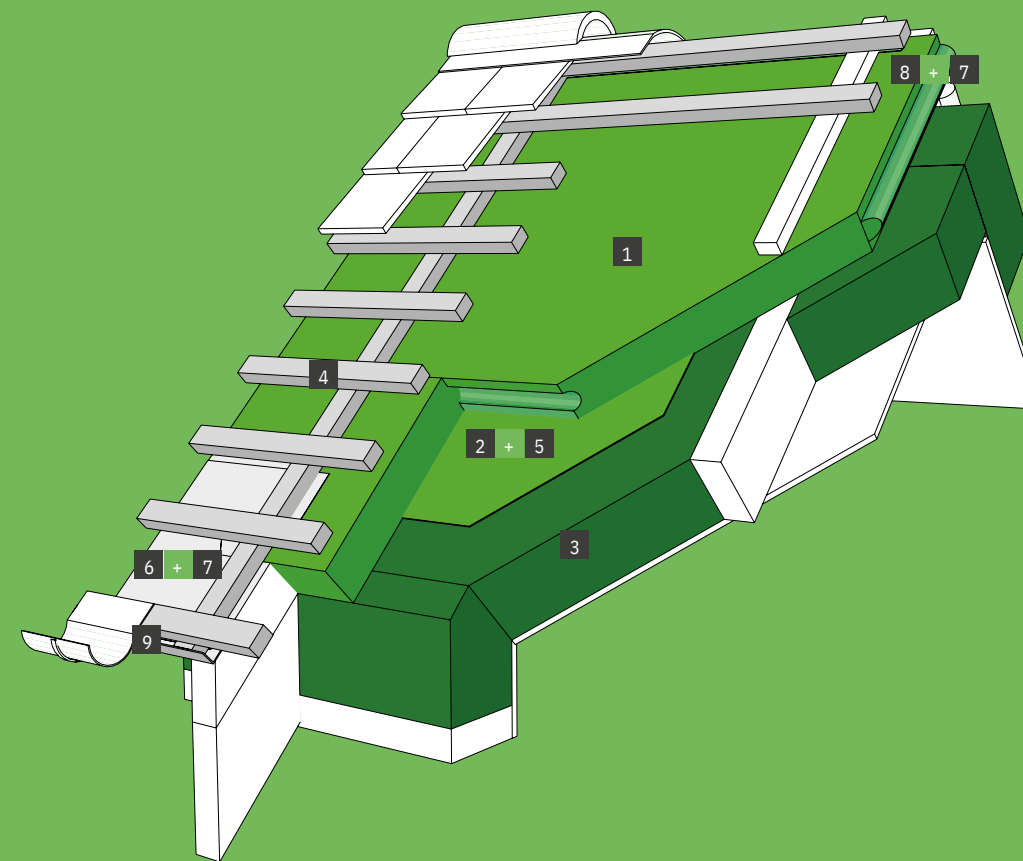
- 1. Existing/reclaimed/ new tiles/slates
- 2. Tile batten
- 3. New counter batten (min. 25 for ventilation).
Please contact for metal roof.
- 4. Isolair Multi 30/40/60/80/100/120mm
- 5. Pavatex LDB 0.02 retrofit membrane
- 6. Pavaflex between existing rafter
- 7. Existing Plasterboard or similar finish


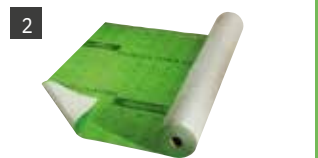



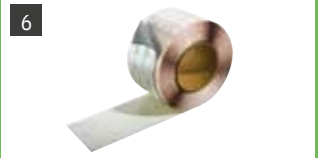


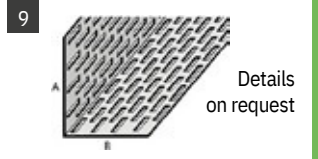
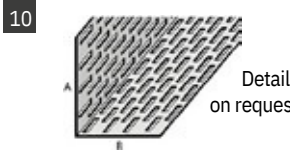


HOW PAVATEX SYSTEMS COMPARE TO STANDARD BUILD



COMPONENTS & ACCESSORIES FOR PAVATEX SYSTEM FOR EXTERNALLY FITTED ROOF: PITCHED



 1 Isolair Multi	 2 LDB 0.02 retrofit membrane	 3 Pavaflex	 4 Heco Topix
 5 Pavafix tape	 6 Pavatape 75	 7 Pavaprim primer	 8 Pavatape 150
 9 Eaves Vents Details on request		 10 Ridge Vent Details on request	

* Please refer to the contents page of this pack to find more information about the range of Pavatex products





If you require any assistance
with Pavatex products, please
contact the UK distributor,
Unity Lime Products:

UNITY BUCKS
The Barn
Access via Wornal Park,
Menmarsh Road
Worminghall
Aylesbury
HP18 9JY

01904 405797
info@unitylime.co.uk

