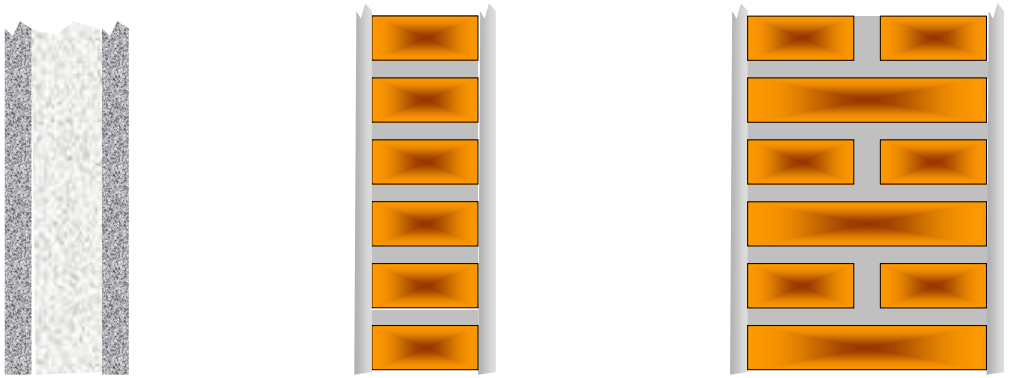
Compared to other systems



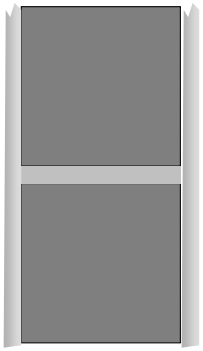
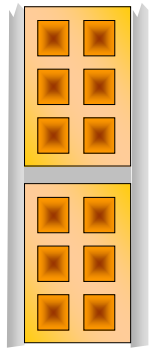
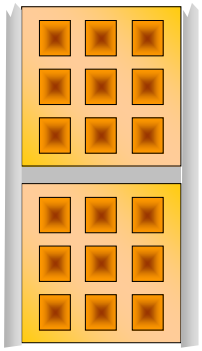
Thermal transmittance	[W / m² °K]	0.478	5.543	2.735
Thermal resistance	[m² °K / W]	2.092	0.180	0.366
Thickness	[cm]	14	15	30

Example a house 70m² covert area:

Perimeter area =	[m²]	4.61	4.94	9.69
Difference =			0.33 m²	5.08 m²

M2 EMMEDUE Advanced Building System

Compared to other systems

		Single panel 8cm EPS	CMU blocks 18 cm	Ceramic hollow bricks – 12cm	Ceramic hollow bricks – 18cm
					
Thermal transmittance	[W / m² °K]	0.478	2.361	3.010	2.074
Thermal resistance	[m² °K / W]	2.092	0.424	0.332	0.482
Thickness	[cm]	14	21	15	21

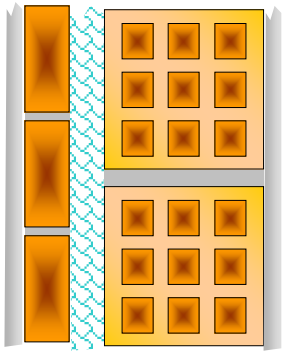
Example a house 70m² covert area:

Perimeter area =	[m²]	4.61	6.86	4.94	6.86
Difference =			2.25 m²	0.33 m²	2.25 m²

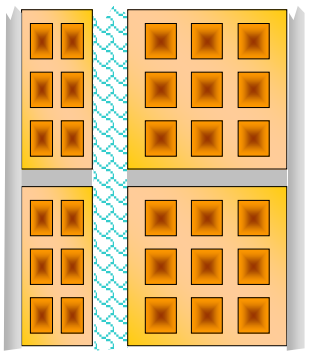
M2 EMMEDUE Advanced Building System

Compared to other systems

Single panel
8cm EPS



Common bricks
4cm EPS
Cer. Hollow bricks



Cer. Hollow bricks
4cm EPS
Cer. Hollow bricks

Thermal transmittance	[W / m² °K]	0.478	0.637	0.586
Thermal resistance	[m² °K / W]	2.092	1.570	1.708
Thickness	[cm]	14	30	33

Example a house 70m² covert area:

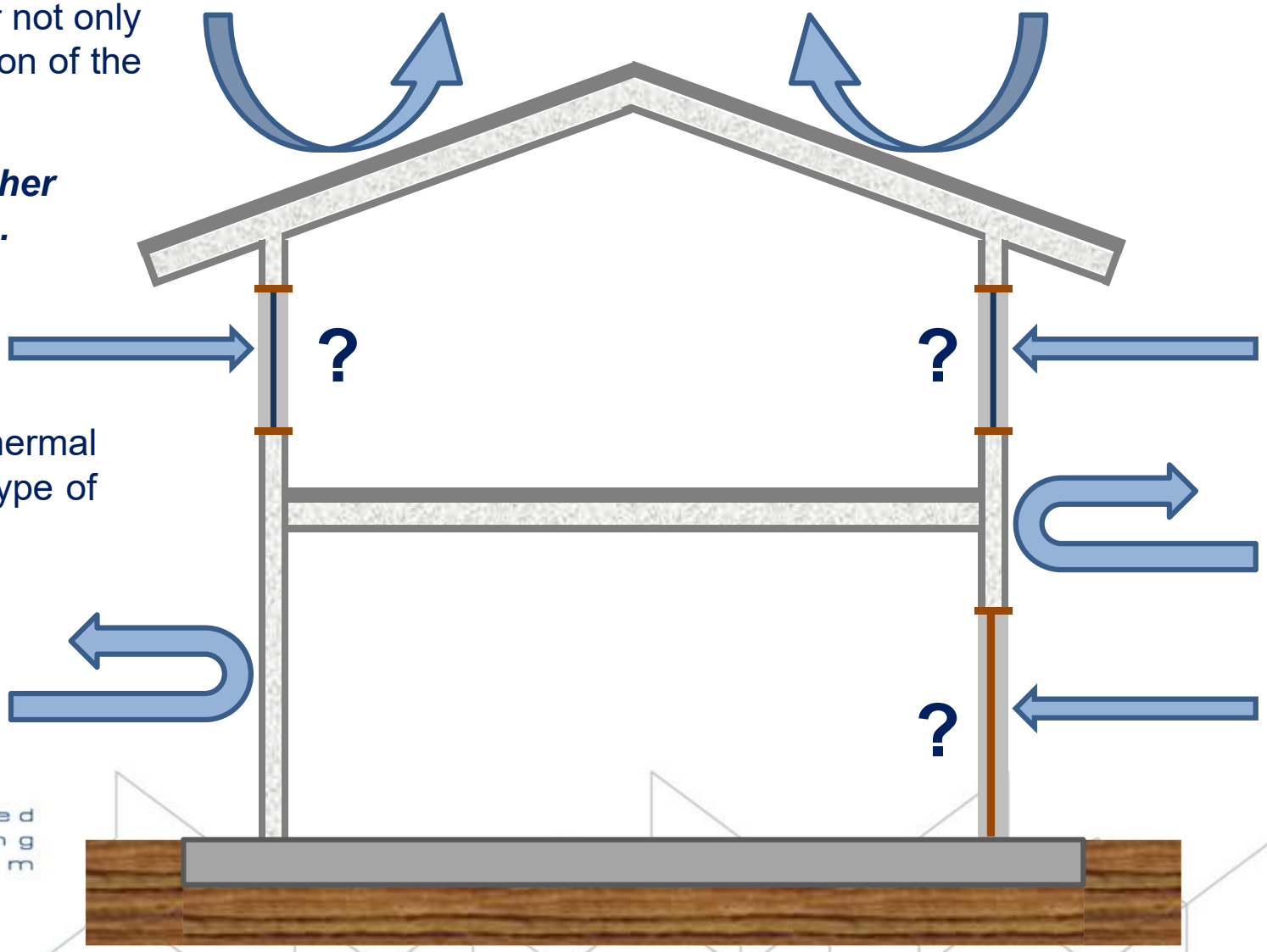
Perimeter area =	[m²]	4.61	9.69	10.08
Difference =			5.08 m²	5.47 m²

M2 EMMEDUE Advanced Building System

In a complete construction, we should consider not only the thermal insulation of the walls and roofs…

but also of the other closing elements.

this is valid for thermal insulation of any type of weather, ***cold*** …

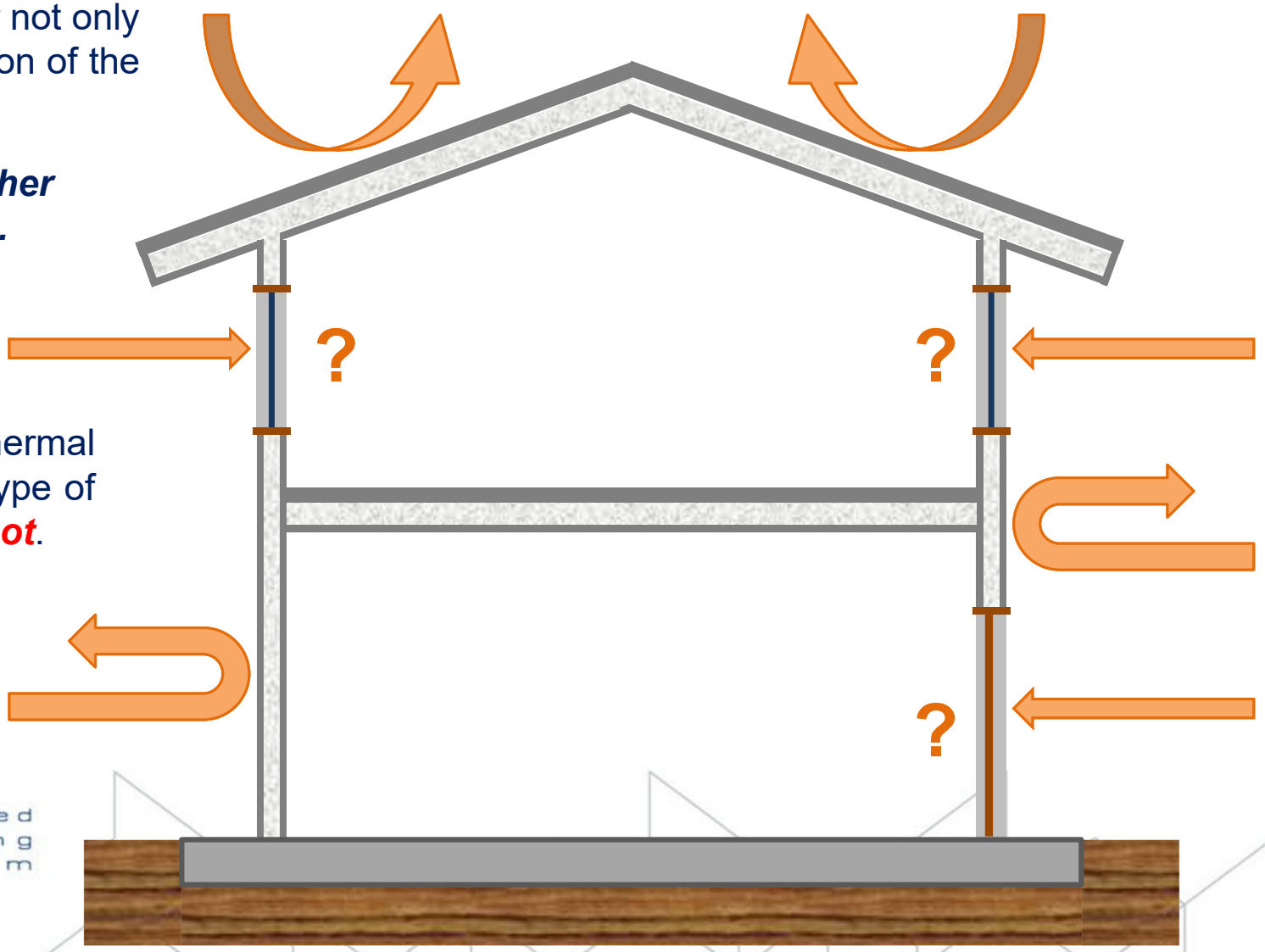


M2 EMMEDUE Advanced Building System

In a complete construction, we should consider not only the thermal insulation of the walls and roofs…

but also of the other closing elements.

this is valid for thermal insulation of any type of weather, ***cold*** or ***hot***.



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