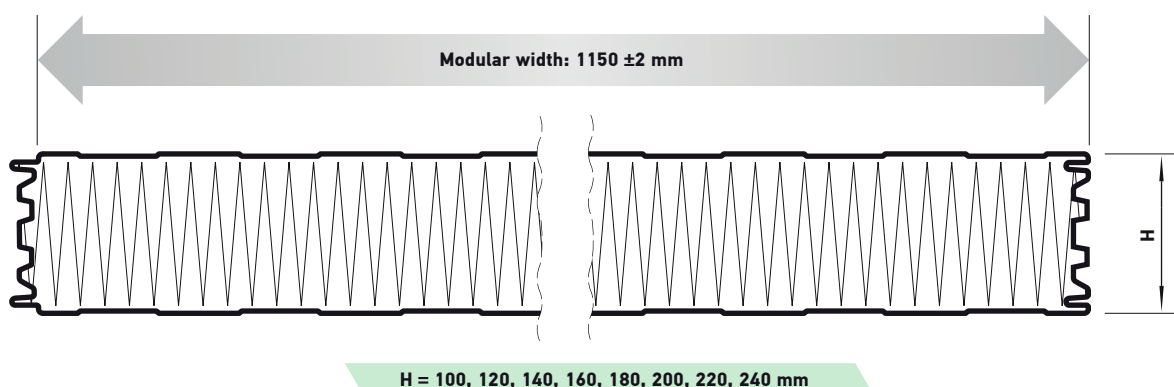


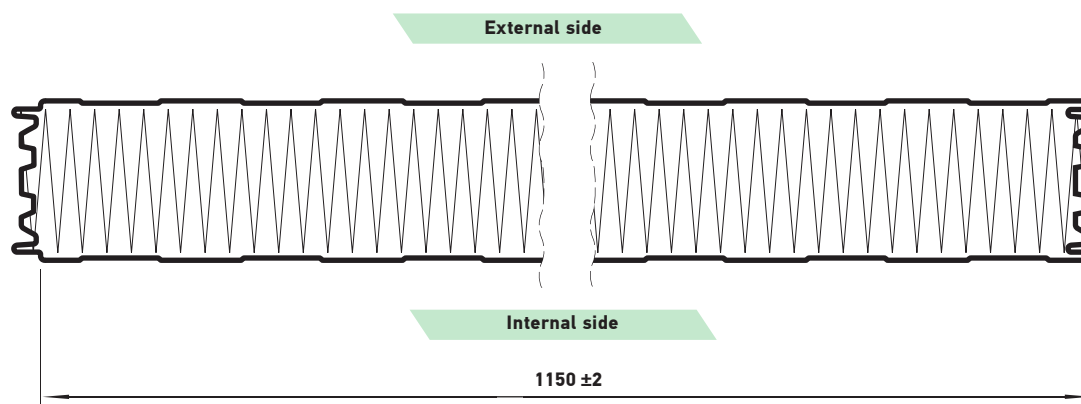
Wall sandwich panels EMW-EKOMw 1150



Wall sandwich panels EMW-EKOMw 1150 data sheet

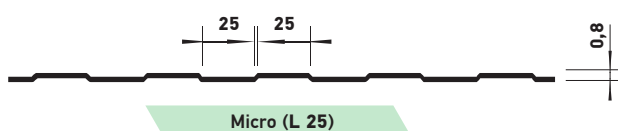
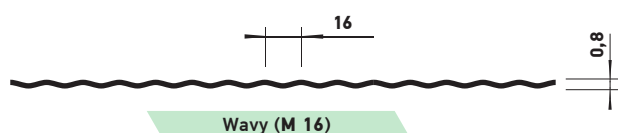
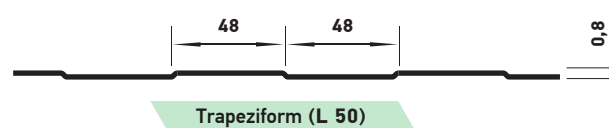
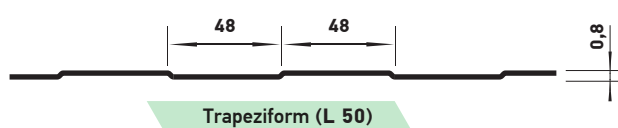
Type of insulation (core)	Mineral wool							
Insulant density [kg/m ³]	80							
Panel thickness H [mm]	100	120	140	160	180	200	220	240
Weight 1 m ² (sheeting 0.5/0.5) [kg]	15.85	17.45	19.05	20.65	22.25	23.85	25.45	27.05
Panel length [mm]	2000 - 13500							
Modular width [mm]	1150 ± 2							
External steel sheeting thickness [mm]	0.5 - 0.7							
Internal steel sheeting thickness [mm]	0.5 - 0.7							
Declared value of thermal conductivity coefficient λD [W/mK]	0.039							
Thermal transmittance (U-value) [W/m ² K]	0.38	0.30			0.21	0.18	0.17	0.16
Reaction to fire	A2-s1, d0							
Fire resistance class	EI 30				EI 90			
Sound reduction index Rw (C, Ctr) [dB]	29 (-1; -3)							
Coatings	<ul style="list-style-type: none"> - polyester, 25 μm (standard coating) - FoodSafe, 55 / 120 / 150 μm - PVDF, 35 μm - PURLAK®, 50 μm - PURMAT®, 50 μm 							
Certificates	EN 14509							

Wall sandwich panels EMW-EKOMw 1150



External side:

Internal side:



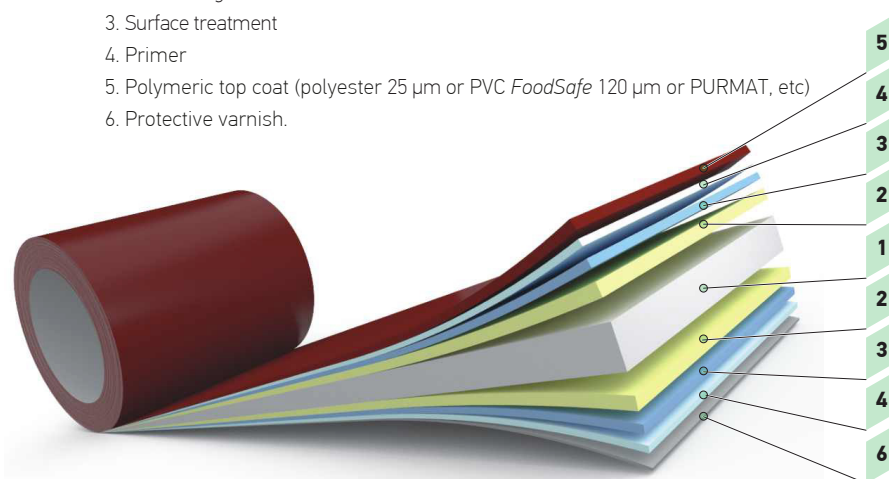
Wall sandwich panels EMW-EKOMw 1150

Coating of the steel facings

Coating type	Thickness	Corrosion resistance category	Abrasion resistance category	Scratch resistance category	Dirt resistance category
Polyester (standard coating)	25 µm	C3	*	**	**
Matt polyester	35 µm	C3	**	**	**
Rough Matt Polyester	35 µm	C3	**	**	**
PVDF	35 µm	C4	**	***	****
Polyurethane	50 µm	C4	***	***	****
Colorcoat HPS200	200 µm	C5	****	****	****
PVC <i>FoodSafe</i>	120 / 150 µm	-	***	***	***
Kolaminat PET <i>FoodCoat</i>	55 µm	C4	****	****	****

Structure of a steel facing with polymer coating

1. Steel 0.5 mm
2. Zinc coating
3. Surface treatment
4. Primer
5. Polymeric top coat (polyester 25 µm or PVC *FoodSafe* 120 µm or PURMAT, etc)
6. Protective varnish.



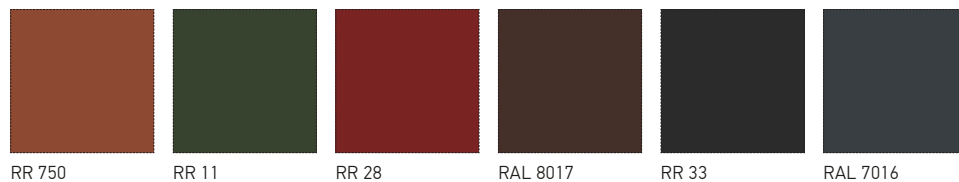
Wall sandwich panels EMW-EKOMw 1150

Colours

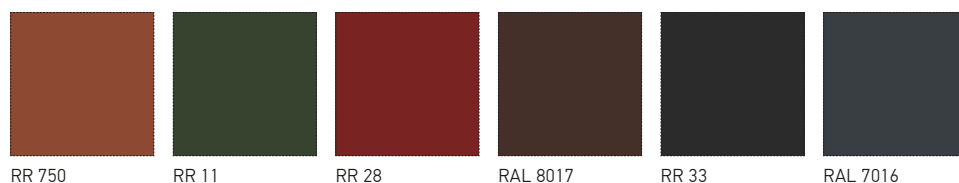
Standard RAL colours of the external sheeting PE 25 µm



Standard RAL & RR colours of the external sheeting PE 35 µm



Standard RAL & RR colours of the external sheeting PUR 50 µm



Standard RAL colours of the internal sheeting PE 25 µm

