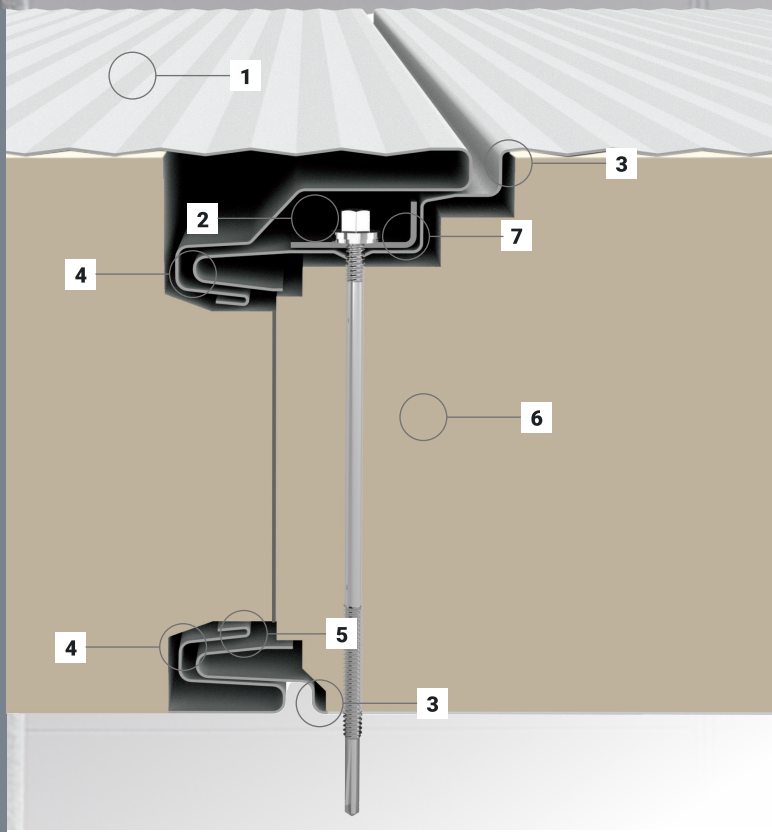
wall

IZOGOLD

MWF-U/MWF-F

PROPERTIES:

1. Profiled lining with a unique surface design.
2. Hidden fastener gives the facade a uniform appearance
3. Large bend radii guarantee durability of lining protective coatings.
4. Double panel lock guarantees best fire resistance properties.
5. Profiled edges facilitate assembly and ensure proper thermal insulating power
6. Insulation core made of hard and incombustible mineral wool (MWF). The core is made of stone wool of two densities (80 kg/m^3 and 110 kg/m^3)
7. L-02 fastener ensuring load distribution.



GEOMETRY:

Mineral wool core **λ ≈ 0,039 W/m*K.**

Steel sheet lining with anticorrosive protection depending on the intended use.

WALL SANDWICH PANEL WITH INSULATION CORE MADE OF DOUBLE DENSITY MINERAL WOOL - HIDDEN SCREW FASTENERS

SUITABLE FOR:

[Designed for use in places with various industrial functions.]

INSTALLATION:

[Designed for use in vertical and horizontal arrangements.]

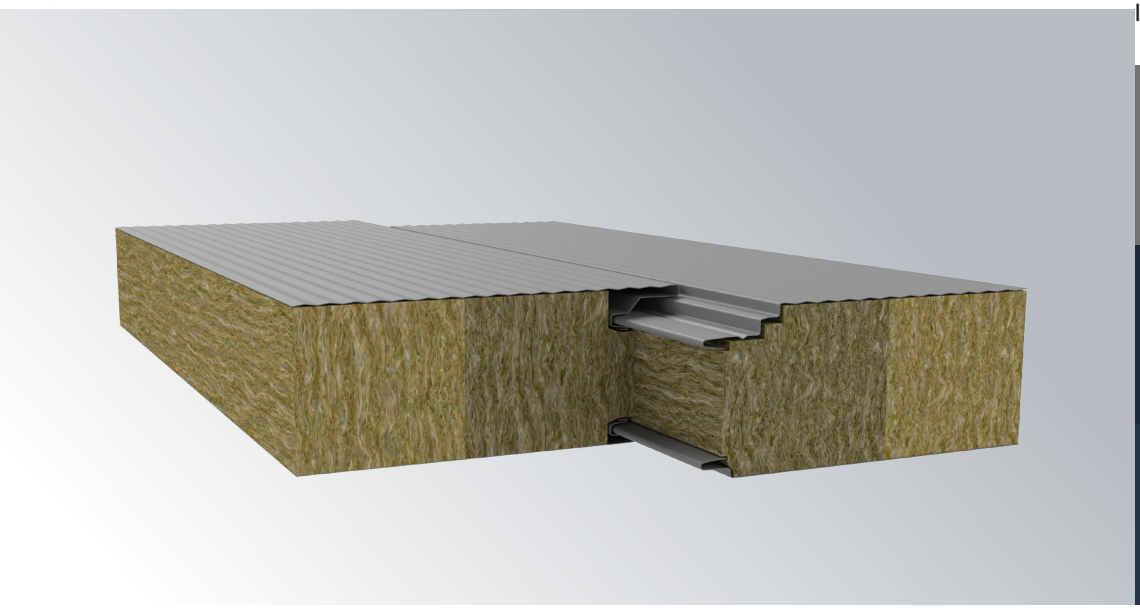
PRODUCT CHART

MECHANICAL PROPERTIES IZOGOLD MWF-F/MWF-U								
thickness [mm]	60	80	100	120	150	180	200	250
modular width [mm]	1080 or 1000*							
total width [mm]	modular width+ 45 mm							
length [mm]	2000 - 13000**							
weight 0,5/0,5 [kg/m²]	13,9	15,7	17,4	19,1	21,7	24,3	26,0	30,3
weight 0,5/0,6 [kg/m²]	14,8	16,6	18,3	20,0	22,6	25,2	26,9	31,2
weight 0,6/0,6 [kg/m²]	15,7	17,4	19,1	20,9	23,5	26,1	27,8	32,2
INSULATING POWER								
U [W/m²K]*	0,63	0,47	0,39	0,32	0,26	0,22	0,19	0,16
BURNING BEHAVIOUR								
MWF-U fire resistance	-		EI 30					
MWF-F fire resistance	-		EI 60					
reaction to fire	A2-s1,d0							
fire propagation	NRO							
LEAKPROOFNESS								
air permeability: pressure	n = 0,7578, C = 0,0335							
air permeability: suction	n = 0,7778, C = 0,0115							
blowing rain resistance	A class - absolute leakproofness at 1200 Pa							
corrosion resistance	External claddings:RC3, internal claddings: RC2***							

* Modular width available on an individual order.

** Maximum length depending on the panel colour – see the "Tips for colour selection" section on page 50.

*** The RC2 corrosion resistance class refers to standard corrosion protection used only on internal cladding. Higher corrosion resistance category on special order.



I GROUP VERY LIGHT COLOURS:

RAL 9010

RAL 9002

RAL 7035

II GROUP LIGHT COLOURS:

RAL 9006

RAL 7040

III GROUP DARK COLOURS:

RAL 9007

RAL 7016

RAL 7024

IZO® PANEL