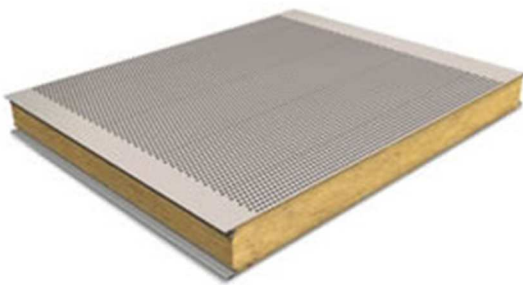




# SOUNDWALL

## SOUND INSULATION / ABSORPTION SANDWICH PANELS



### Product

Pre-insulated metal panels with mineral fiber insulation for walls and ceilings

**Length** Up to 12,0 m    **Width** 1,0 m

**Thicknesses** 50, 75, 100, 120 mm

### Materials

Prepainted galvanized steel or plastic, coated or embossed.

### Sound Insulation (EN ISO 717-1:1996)

50 mm ( $R_w=32$  dB)

75 mm ( $R_w=33$  dB)

100 mm ( $R_w=34$  dB)

### Thermal Insulation

Made through a special configuration insulating layer, high density mineral fiber ( $\lambda = 0,040$  W/mK), perpendicularly to the plane of the panel.

### Reaction to fire

A2,s1-d0

RAL 1000	RAL 2013
RAL 1001	RAL 3000
RAL 1002	RAL 3001
RAL 1003	RAL 3002
RAL 1004	RAL 3003
RAL 1005	RAL 3004
RAL 1006	RAL 3005
RAL 1007	RAL 3007
RAL 1011	RAL 3009
RAL 1012	RAL 3011
RAL 1013	RAL 3012
RAL 1014	RAL 3013
RAL 1015	RAL 3014
RAL 1016	RAL 3015
RAL 1017	RAL 3016
RAL 1018	RAL 3017
RAL 1019	RAL 3018
RAL 1020	RAL 3020
RAL 1021	RAL 3022
RAL 1023	RAL 3024
RAL 1024	RAL 3026
RAL 1026	RAL 3027
RAL 1027	RAL 3028
RAL 1028	RAL 3031
RAL 1032	RAL 3032
RAL 1033	RAL 3033
RAL 1034	RAL 4001
RAL 1035	RAL 4002
RAL 1036	RAL 4003
RAL 1037	RAL 4004
RAL 2000	RAL 4005
RAL 2001	RAL 4006
RAL 2002	RAL 4007
RAL 2003	RAL 4008
RAL 2004	RAL 4009
RAL 2005	RAL 4010
RAL 2007	RAL 4011
RAL 2008	RAL 4012
RAL 2009	RAL 5000
RAL 2010	RAL 5001
RAL 2011	RAL 5002
RAL 2012	RAL 5003





Sound absorption:  $\alpha_s=1$  (1Kz)= 1,13 (EN ISO 20354: 1993)



### Materials

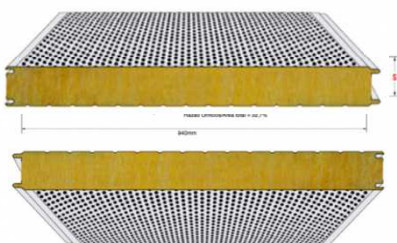
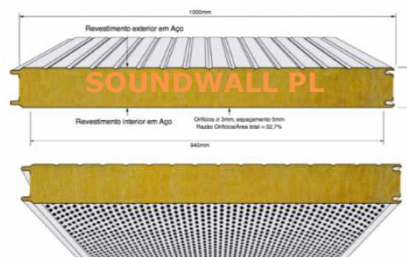
The coverings will be made with panels consisting of two metal supports made of profiled steel, hot galvanized sendzimir process, comply with EN 10147

The insulation inside the supports will be realized through an insulating layer of special high density mineral fibers 100 Kg/m3, arranged perpendicularly to the plane of the sheets.  
 $\lambda = 0,040$  W/mK.

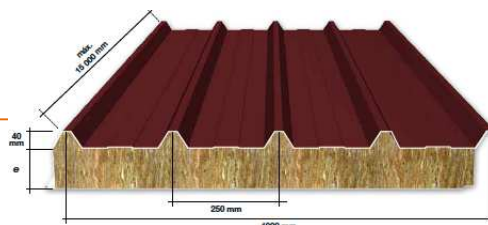
### Painting

Protection of the surface of the panels according to the cycle of prepainting on the RAL color

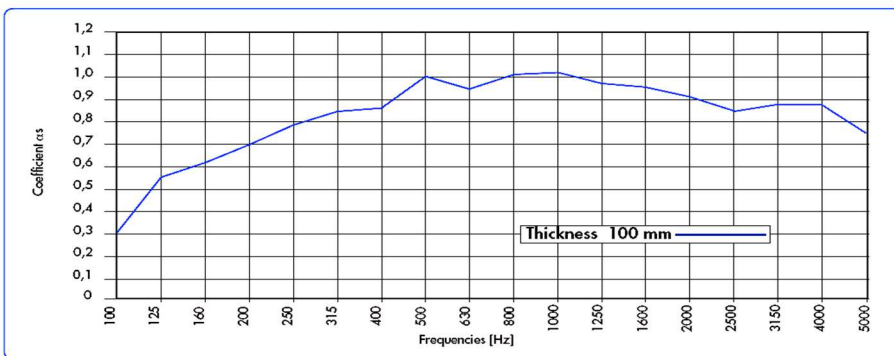
Standard colour: White RAL 9010



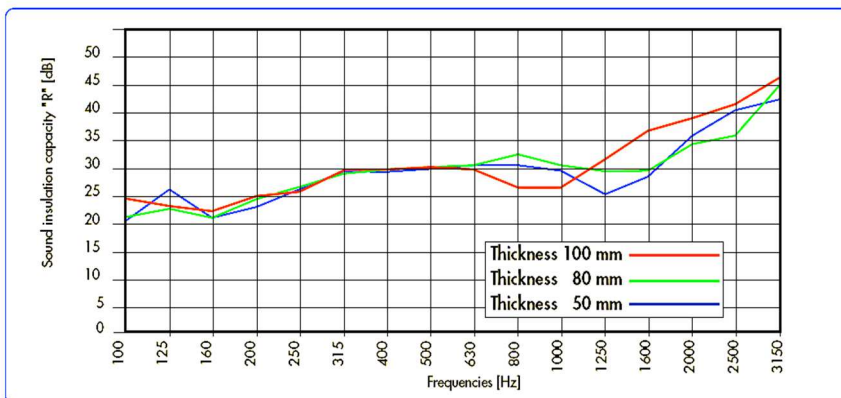
### SOUNDWALL wave



RAL 5004	RAL 6021
RAL 5005	RAL 6022
RAL 5007	RAL 6024
RAL 5008	RAL 6025
RAL 5009	RAL 6026
RAL 5010	RAL 6027
RAL 5011	RAL 6028
RAL 5012	RAL 6029
RAL 5013	RAL 6032
RAL 5014	RAL 6033
RAL 5015	RAL 6034
RAL 5017	RAL 6035
RAL 5018	RAL 6036
RAL 5019	RAL 6037
RAL 5020	RAL 6038
RAL 5021	RAL 7000
RAL 5022	RAL 7001
RAL 5023	RAL 7002
RAL 5024	RAL 7003
RAL 5025	RAL 7004
RAL 5026	RAL 7005
RAL 6000	RAL 7006
RAL 6001	RAL 7008
RAL 6002	RAL 7009
RAL 6003	RAL 7010
RAL 6004	RAL 7011
RAL 6005	RAL 7012
RAL 6006	RAL 7013
RAL 6007	RAL 7015
RAL 6008	RAL 7016
RAL 6009	RAL 7021
RAL 6010	RAL 7022
RAL 6011	RAL 7023
RAL 6012	RAL 7024
RAL 6013	RAL 7026
RAL 6014	RAL 7030
RAL 6015	RAL 7031
RAL 6016	RAL 7032
RAL 6017	RAL 7033
RAL 6018	RAL 7034
RAL 6019	RAL 7035
RAL 6020	RAL 7036



Sound insulation (100mm):  $R_W=34\text{dB}$  (EN ISO 717-1: 1996)



RAL 7037	RAL 9018
RAL 7038	RAL 9022
RAL 7039	RAL 9023
RAL 7040	
RAL 7042	
RAL 7043	
RAL 7044	
RAL 7045	
RAL 7046	
RAL 7047	
RAL 7048	
RAL 8000	
RAL 8001	
RAL 8002	
RAL 8003	
RAL 8004	
RAL 8007	
RAL 8008	
RAL 8011	
RAL 8012	
RAL 8014	
RAL 8015	
RAL 8016	
RAL 8017	
RAL 8019	
RAL 8022	
RAL 8023	
RAL 8024	
RAL 8025	
RAL 8028	
RAL 8029	
RAL 9001	
RAL 9002	
RAL 9003	
RAL 9004	
RAL 9005	
RAL 9006	
RAL 9007	
RAL 9010	
RAL 9011	
RAL 9016	
RAL 9017	