

**Hałas Przemysłowy Zewnętrzny**

Program HPZ ' 2001 Windows : Wersja: marzec'2012 +GRUNT  
Licencja Zakładu Akustyki ITB: HPZ-0260 EMIPRO Sp.z o.o.

Opis projektu:

Temperatura powietrza= 10°C

Wilgotność względna RH = 70%

**Ź R Ó D Ł A W S Z E C H K I E R U N K O W E, liczba = 2**

Lp	Symbol	x[m]	y[m]	z[m]	L <sub>WA</sub> [dB]	K <sub>0</sub>
1	ZW1	1695,1	1011,9	55,0	75,0	3
2	ZW2	1656,2	959,3	42,0	75,0	3

**Ź R Ó D Ł A - B U D Y N K I, liczba = 1**

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h <sub>0</sub> [m]	h <sub>w</sub> [m]
1	ZB1	1661,2;1054,2	1718,8;1013,6	1646,0;903,4	1576,6;945,8	40,0	0,0	-.-
	Ściana nr	1	2	3	4	dach		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
	L wew [dB]	85,0	85,0	85,0	85,0	85,0		
	Izol.R[dB]	25,0	25,0	25,0	25,0	25,0		

**Ź R Ó D Ł A L I N I O W E, liczba = 1**

Lp	Symbol	x <sub>p</sub> [m]	y <sub>p</sub> [m]	z <sub>p</sub> [m]	x <sub>k</sub> [m]	y <sub>k</sub> [m]	z <sub>k</sub> [m]	L <sub>WA</sub> [dB]	K <sub>0</sub>
1	ZL1	1737,4	1010,2	1,0	1651,1	896,6	1,0	93,9	3

**Ź R Ó D Ł A P R Z E S T R Z E N N E, liczba = 1**

Lp	Symbol	x [m]	y [m]	h[m]	h <sub>0</sub> [m]	L <sub>WA</sub> [dB]	L.ścian
1	ZP1	1634,1	998,0	40,5	0,0	98,0	5
		1647,7	1016,9				
		1654,5	1011,9				
		1646,0	996,6				

**E K R A N Y A K U S T Y C Z N E, liczba = 5**

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h <sub>0</sub> [m]	h <sub>w</sub> [m]
1	E1	1513,9;906,8	1525,8;925,4	1571,5;891,5	1551,2;874,6	6,0	0,0	-.-
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
2	E2	1574,9;862,7	1581,6;879,7	1617,2;852,5	1602,0;837,3	6,0	0,0	-.-
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
3	E3	1620,6;823,7	1632,4;842,4	1698,5;789,8	1688,3;774,6	6,0	0,0	-.-
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			
4	E4	1554,5;789,8	1625,7;733,9	1551,2;632,2	1476,6;684,7	7,0	0,0	-.-
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h <sub>0</sub> [m]	h <sub>w</sub> [m]
5	E5	2005,0;1059,3	2001,6;978,0	2082,9;978,0	2084,6;1062,7	5,0	0,0	-.-
	Bok nr	1	2	3	4	góra		
	Wsp.odb.β	1,0	1,0	1,0	1,0			

## P A S Y   Z I E L E N I ,      liczba = 4

Lp	Symbol	x[m] A y[m]	x[m] B y[m]	x[m] C y[m]	x[m] D y[m]	h[m]	h <sub>0</sub> [m]
1	1	1337,8;847,5	1322,5;772,9	1447,9;922,0	1407,2;955,9	5,0	0,0
2	2	1415,7;959,3	1451,2;925,4	1508,8;1089,8	1403,8;1122,0	6,0	0,0
3	3	1405,5;1123,7	1446,2;1189,8	1483,4;1172,9	1508,8;1094,9	6,0	0,0
4	4	1647,7;857,6	1747,6;988,1	1739,1;901,7	1735,7;789,8	5,0	0,0

## P U N K T Y   O B S E R W A C J I ,      liczba = 4

Lp	Symbol	x[m]	y[m]	z[m]	L <sub>tla</sub> [dB]
1	P1	1502,1	1230,5	4,0	65,0
2	P2	1508,8	1222,0	4,0	0,0
3	P3	1314,1	825,4	4,0	65,0
4	P4	1312,4	823,7	4,0	0,0

## S I A T K A   P U N K T Ó W   O B S E R W A C J I

X <sub>min</sub> [m]	X <sub>max</sub> [m]	Y <sub>min</sub> [m]	Y <sub>max</sub> [m]	dx[m]	dy[m]	z[m]	L <sub>tla</sub> [dB]
400,0	3400,0	200,0	1600,0	20,0	20,0	4,0	0,00