

Tesi 3-4-5-6 Bench horizontal

IRSAP

TESI BENCH HORIZONTAL is a particular version of the classical Tesi tubular radiators. It is composed of columns going from 3 up to 6 and of the following number of elements: 4, 5, 6, 7, 8. The seat is not supplied. For TESI BENCH HORIZONTAL 1200 and 1500 mm lenght there are 2 supports; for TESI BENCH HORIZONTAL 1800, 2000, 2200 and 2500 mm there are 3 supports.



Tesi Panca Orizzontale, Horizontal, 6 elements, Lenght 1500 mm, Ivory - RAL 1013

Construction features

tubes made of 25 mm diameter sheet steel

manifolds made of pressed sheet steel

elements 45 mm long (element pitch)

threading 1"1/4 G right and left on top and bottom manifold

mounted 1/2" plugs supplied as standard

maximum working pressure 10 bar

maximum working temperature 95°C

standard hydraulic connection supplied Cod. 02

Certifications



Plus



Technical data

Model	Deph (mm)	Height (mm)	Width (mm)	Conn. C. (mm)	Weigth (kg)	Capacity (lt)	$\Delta t=50^{\circ}C$ (btu/h)	$\Delta t=50^{\circ}C$ (kcal/h)	$\Delta t=50^{\circ}C$ (Watt)	$\Delta t=40^{\circ}C$ (Watt)	$\Delta t=30^{\circ}C$ (Watt)	$\Delta t=20^{\circ}C$ (Watt)	Exponent
RT3													
3C 1200 el. 04	101,0	204	1200	1135	9,50	6,80	1.346,8	394,8	459,2	342,0	233,6	136,8	1,320
3C 1500 el. 04	101,0	204	1500	1435	11,80	8,30	1.663,6	487,6	566,8	421,2	287,2	167,6	1,330
3C 1800 el. 04	101,0	204	1800	1735	14,20	9,70	1.982,8	581,2	675,6	502,8	343,2	200,8	1,330
3C 2000 el. 04	101,0	204	2000	1935	15,70	10,70	2.197,2	644,0	748,8	558,0	382,0	224,0	1,318
3C 2200 el. 04	101,0	204	2200	2135	17,30	11,70	2.414,0	707,6	822,8	614,0	421,2	247,6	1,310
3C 2500 el. 04	101,0	204	2500	2435	19,60	13,20	2.743,2	804,0	934,8	699,6	481,6	284,4	1,299
3C 1200 el. 05	101,0	249	1200	1135	11,90	8,50	1.683,5	493,5	574,0	427,5	292,0	171,0	1,320
3C 1500 el. 05	101,0	249	1500	1435	14,80	10,30	2.079,5	609,5	708,5	526,5	359,0	209,5	1,330
3C 1800 el. 05	101,0	249	1800	1735	17,70	12,20	2.478,5	726,5	844,5	628,5	429,0	251,0	1,330
3C 2000 el. 05	101,0	249	2000	1935	19,70	13,40	2.746,5	805,0	936,0	697,5	477,5	280,0	1,318
3C 2200 el. 05	101,0	249	2200	2135	21,60	14,60	3.017,5	884,5	1.028,5	767,5	526,5	309,5	1,310
3C 2500 el. 05	101,0	249	2500	2435	24,50	16,40	3.429,0	1.005,0	1.168,5	874,5	602,0	355,5	1,299
3C 1200 el. 06	101,0	294	1200	1135	14,20	10,20	2.020,2	592,2	688,8	513,0	350,4	205,2	1,320
3C 1500 el. 06	101,0	294	1500	1435	17,70	12,40	2.495,4	731,4	850,2	631,8	430,8	251,4	1,330
3C 1800 el. 06	101,0	294	1800	1735	21,20	14,60	2.974,2	871,8	1.013,4	754,2	514,8	301,2	1,330
3C 2000 el. 06	101,0	294	2000	1935	23,60	16,10	3.295,8	966,0	1.123,2	837,0	573,0	336,0	1,318

3C 2200 el. 06	101,0	294	2200	2135	25,90	17,50	3.621,0	1.061,4	1.234,2	921,0	631,8	371,4	1,310
3C 2500 el. 06	101,0	294	2500	2435	29,40	19,70	4.114,8	1.206,0	1.402,2	1.049,4	722,4	426,6	1,299
3C 1200 el. 07	101,0	339	1200	1135	16,60	11,90	2.356,9	690,9	803,6	598,5	408,8	239,4	1,320
3C 1500 el. 07	101,0	339	1500	1435	20,70	14,50	2.911,3	853,3	991,9	737,1	502,6	293,3	1,330
3C 1800 el. 07	101,0	339	1800	1735	24,80	17,00	3.469,9	1.017,1	1.182,3	879,9	600,6	351,4	1,330
3C 2000 el. 07	101,0	339	2000	1935	27,50	18,80	3.845,1	1.127,0	1.310,4	976,5	668,5	392,0	1,318
3C 2200 el. 07	101,0	339	2200	2135	30,20	20,40	4.224,5	1.238,3	1.439,9	1.074,5	737,1	433,3	1,310
3C 2500 el. 07	101,0	339	2500	2435	34,30	23,00	4.800,6	1.407,0	1.635,9	1.224,3	842,8	497,7	1,299
3C 1200 el. 08	101,0	384	1200	1135	19,00	13,60	2.693,6	789,6	918,4	684,0	467,2	273,6	1,320
3C 1500 el. 08	101,0	384	1500	1435	23,60	16,60	3.327,2	975,2	1.133,6	842,4	574,4	335,2	1,330
3C 1800 el. 08	101,0	384	1800	1735	28,30	19,40	3.965,6	1.162,4	1.351,2	1.005,6	686,4	401,6	1,330
3C 2000 el. 08	101,0	384	2000	1935	31,40	21,40	4.394,4	1.288,0	1.497,6	1.116,0	764,0	448,0	1,318
3C 2200 el. 08	101,0	384	2200	2135	34,60	23,40	4.828,0	1.415,2	1.645,6	1.228,0	842,4	495,2	1,310
3C 2500 el. 08	101,0	384	2500	2435	39,20	26,30	5.486,4	1.608,0	1.869,6	1.399,2	963,2	568,8	1,299
RT4													
4C 1200 el. 04	139,0	204	1200	1135	14,40	8,70	1.746,4	512,0	595,2	442,0	300,8	175,2	1,335
4C 1500 el. 04	139,0	204	1500	1435	17,90	10,50	2.143,6	628,4	730,4	543,2	370,8	216,4	1,328
4C 1800 el. 04	139,0	204	1800	1735	21,40	12,40	2.535,6	743,2	864,0	643,6	440,0	257,6	1,321
4C 2000 el. 04	139,0	204	2000	1935	23,70	13,80	2.794,8	819,2	952,4	710,0	486,0	285,2	1,317
4C 2200 el. 04	139,0	204	2200	2135	26,00	15,00	3.052,0	894,4	1.040,0	776,0	532,0	312,4	1,312
4C 2500 el. 04	139,0	204	2500	2435	29,40	17,00	3.436,4	1.007,2	1.171,2	875,2	600,8	354,0	1,306
4C 1200 el. 05	139,0	249	1200	1135	18,00	10,80	2.183,0	640,0	744,0	552,5	376,0	219,0	1,335

4C 1500 el. 05	139,0	249	1500	1435	22,40	13,10	2.679,5	785,5	913,0	679,0	463,5	270,5	1,328
4C 1800 el. 05	139,0	249	1800	1735	26,80	15,50	3.169,5	929,0	1.080,0	804,5	550,0	322,0	1,321
4C 2000 el. 05	139,0	249	2000	1935	29,60	17,20	3.493,5	1.024,0	1.190,5	887,5	607,5	356,5	1,317
4C 2200 el. 05	139,0	249	2200	2135	32,50	18,80	3.815,0	1.118,0	1.300,0	970,0	665,0	390,5	1,312
4C 2500 el. 05	139,0	249	2500	2435	36,80	21,20	4.295,5	1.259,0	1.464,0	1.094,0	751,0	442,5	1,306
4C 1200 el. 06	139,0	294	1200	1135	21,60	13,00	2.619,6	768,0	892,8	663,0	451,2	262,8	1,335
4C 1500 el. 06	139,0	294	1500	1435	26,90	15,80	3.215,4	942,6	1.095,6	814,8	556,2	324,6	1,328
4C 1800 el. 06	139,0	294	1800	1735	32,10	18,70	3.803,4	1.114,8	1.296,0	965,4	660,0	386,4	1,321
4C 2000 el. 06	139,0	294	2000	1935	35,50	20,60	4.192,2	1.228,8	1.428,6	1.065,0	729,0	427,8	1,317
4C 2200 el. 06	139,0	294	2200	2135	39,00	22,60	4.578,0	1.341,6	1.560,0	1.164,0	798,0	468,6	1,312
4C 2500 el. 06	139,0	294	2500	2435	44,20	25,50	5.154,6	1.510,8	1.756,8	1.312,8	901,2	531,0	1,306
4C 1200 el. 07	139,0	339	1200	1135	25,20	15,20	3.056,2	896,0	1.041,6	773,5	526,4	306,6	1,335
4C 1500 el. 07	139,0	339	1500	1435	31,40	18,40	3.751,3	1.099,7	1.278,2	950,6	648,9	378,7	1,328
4C 1800 el. 07	139,0	339	1800	1735	37,40	21,80	4.437,3	1.300,6	1.512,0	1.126,3	770,0	450,8	1,321
4C 2000 el. 07	139,0	339	2000	1935	41,40	24,10	4.890,9	1.433,6	1.666,7	1.242,5	850,5	499,1	1,317
4C 2200 el. 07	139,0	339	2200	2135	45,50	26,30	5.341,0	1.565,2	1.820,0	1.358,0	931,0	546,7	1,312
4C 2500 el. 07	139,0	339	2500	2435	51,50	29,80	6.013,7	1.762,6	2.049,6	1.531,6	1.051,4	619,5	1,306
4C 1200 el. 08	139,0	384	1200	1135	28,80	17,40	3.492,8	1.024,0	1.190,4	884,0	601,6	350,4	1,335
4C 1500 el. 08	139,0	384	1500	1435	35,80	21,00	4.287,2	1.256,8	1.460,8	1.086,4	741,6	432,8	1,328
4C 1800 el. 08	139,0	384	1800	1735	42,80	24,90	5.071,2	1.486,4	1.728,0	1.287,2	880,0	515,2	1,321
4C 2000 el. 08	139,0	384	2000	1935	47,40	27,50	5.589,6	1.638,4	1.904,8	1.420,0	972,0	570,4	1,317
4C 2200 el. 08	139,0	384	2200	2135	52,00	30,10	6.104,0	1.788,8	2.080,0	1.552,0	1.064,0	624,8	1,312

4C 2500 el. 08	139,0	384	2500	2435	58,90	34,00	6.872,8	2.014,4	2.342,4	1.750,4	1.201,6	708,0	1,306
RT5													
5C 1200 el. 04	177,0	204	1200	1135	16,30	11,10	2.112,8	619,2	720,0	532,4	360,8	208,4	1,353
5C 1500 el. 04	177,0	204	1500	1435	20,20	13,60	2.592,0	759,6	883,2	655,6	446,4	259,6	1,337
5C 1800 el. 04	177,0	204	1800	1735	24,10	16,00	3.066,4	898,8	1.044,8	777,2	530,4	309,6	1,327
5C 2000 el. 04	177,0	204	2000	1935	26,70	17,70	3.380,4	990,8	1.152,0	857,6	586,0	342,8	1,323
5C 2200 el. 04	177,0	204	2200	2135	29,30	19,30	3.693,2	1.082,4	1.258,4	937,6	641,6	375,6	1,320
5C 2500 el. 04	177,0	204	2500	2435	33,20	21,80	4.160,8	1.219,6	1.418,0	1.057,6	724,8	425,6	1,314
5C 1200 el. 05	177,0	249	1200	1135	20,40	13,90	2.641,0	774,0	900,0	665,5	451,0	260,5	1,353
5C 1500 el. 05	177,0	249	1500	1435	25,20	17,00	3.240,0	949,5	1.104,0	819,5	558,0	324,5	1,337
5C 1800 el. 05	177,0	249	1800	1735	30,10	20,00	3.833,0	1.123,5	1.306,0	971,5	663,0	387,0	1,327
5C 2000 el. 05	177,0	249	2000	1935	33,40	22,10	4.225,5	1.238,5	1.440,0	1.072,0	732,5	428,5	1,323
5C 2200 el. 05	177,0	249	2200	2135	36,60	24,10	4.616,5	1.353,0	1.573,0	1.172,0	802,0	469,5	1,320
5C 2500 el. 05	177,0	249	2500	2435	41,40	27,20	5.201,0	1.524,5	1.772,5	1.322,0	906,0	532,0	1,314
5C 1200 el. 06	177,0	294	1200	1135	24,50	16,70	3.169,2	928,8	1.080,0	798,6	541,2	312,6	1,353
5C 1500 el. 06	177,0	294	1500	1435	30,30	20,40	3.888,0	1.139,4	1.324,8	983,4	669,6	389,4	1,337
5C 1800 el. 06	177,0	294	1800	1735	36,10	24,10	4.599,6	1.348,2	1.567,2	1.165,8	795,6	464,4	1,327
5C 2000 el. 06	177,0	294	2000	1935	40,00	26,50	5.070,6	1.486,2	1.728,0	1.286,4	879,0	514,2	1,323
5C 2200 el. 06	177,0	294	2200	2135	43,90	28,90	5.539,8	1.623,6	1.887,6	1.406,4	962,4	563,4	1,320
5C 2500 el. 06	177,0	294	2500	2435	49,70	32,60	6.241,2	1.829,4	2.127,0	1.586,4	1.087,2	638,4	1,314
5C 1200 el. 07	177,0	339	1200	1135	28,60	19,50	3.697,4	1.083,6	1.260,0	931,7	631,4	364,7	1,353
5C 1500 el. 07	177,0	339	1500	1435	35,40	23,80	4.536,0	1.329,3	1.545,6	1.147,3	781,2	454,3	1,337

5C 1800 el. 07	177,0	339	1800	1735	42,10	28,10	5.366,2	1.572,9	1.828,4	1.360,1	928,2	541,8	1,327
5C 2000 el. 07	177,0	339	2000	1935	46,70	30,90	5.915,7	1.733,9	2.016,0	1.500,8	1.025,5	599,9	1,323
5C 2200 el. 07	177,0	339	2200	2135	51,20	33,70	6.463,1	1.894,2	2.202,2	1.640,8	1.122,8	657,3	1,320
5C 2500 el. 07	177,0	339	2500	2435	58,00	38,10	7.281,4	2.134,3	2.481,5	1.850,8	1.268,4	744,8	1,314
5C 1200 el. 08	177,0	384	1200	1135	32,60	22,20	4.225,6	1.238,4	1.440,0	1.064,8	721,6	416,8	1,353
5C 1500 el. 08	177,0	384	1500	1435	40,40	27,20	5.184,0	1.519,2	1.766,4	1.311,2	892,8	519,2	1,337
5C 1800 el. 08	177,0	384	1800	1735	48,20	32,10	6.132,8	1.797,6	2.089,6	1.554,4	1.060,8	619,2	1,327
5C 2000 el. 08	177,0	384	2000	1935	53,40	35,40	6.760,8	1.981,6	2.304,0	1.715,2	1.172,0	685,6	1,323
5C 2200 el. 08	177,0	384	2200	2135	58,60	38,60	7.386,4	2.164,8	2.516,8	1.875,2	1.283,2	751,2	1,320
5C 2500 el. 08	177,0	384	2500	2435	66,30	43,50	8.321,6	2.439,2	2.836,0	2.115,2	1.449,6	851,2	1,314
RT6													
6C 1200 el. 04	215,0	204	1200	1135	19,60	13,30	2.479,2	726,4	844,8	622,0	419,2	240,4	1,371
6C 1500 el. 04	215,0	204	1500	1435	24,20	16,20	3.040,8	891,2	1.036,4	767,6	521,2	302,0	1,346
6C 1800 el. 04	215,0	204	1800	1735	28,90	19,20	3.597,2	1.054,4	1.226,0	910,4	620,4	361,2	1,334
6C 2000 el. 04	215,0	204	2000	1935	32,00	21,20	3.966,0	1.162,4	1.351,6	1.004,4	685,2	399,6	1,330
6C 2200 el. 04	215,0	204	2200	2135	35,10	23,10	4.334,0	1.270,4	1.477,2	1.098,4	750,0	438,0	1,327
6C 2500 el. 04	215,0	204	2500	2435	39,80	26,00	4.885,2	1.431,6	1.664,8	1.239,6	847,6	496,0	1,322
6C 1200 el. 05	215,0	249	1200	1135	24,40	16,60	3.099,0	908,0	1.056,0	777,5	524,0	300,5	1,371
6C 1500 el. 05	215,0	249	1500	1435	30,30	20,30	3.801,0	1.114,0	1.295,5	959,5	651,5	377,5	1,346
6C 1800 el. 05	215,0	249	1800	1735	36,10	24,00	4.496,5	1.318,0	1.532,5	1.138,0	775,5	451,5	1,334
6C 2000 el. 05	215,0	249	2000	1935	40,00	26,40	4.957,5	1.453,0	1.689,5	1.255,5	856,5	499,5	1,330
6C 2200 el. 05	215,0	249	2200	2135	43,90	28,90	5.417,5	1.588,0	1.846,5	1.373,0	937,5	547,5	1,327

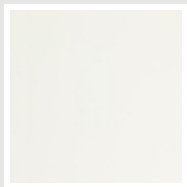
6C 2500 el. 05	215,0	249	2500	2435	49,70	32,50	6.106,5	1.789,5	2.081,0	1.549,5	1.059,5	620,0	1,322
6C 1200 el. 06	215,0	294	1200	1135	29,30	20,00	3.718,8	1.089,6	1.267,2	933,0	628,8	360,6	1,371
6C 1500 el. 06	215,0	294	1500	1435	36,40	24,40	4.561,2	1.336,8	1.554,6	1.151,4	781,8	453,0	1,346
6C 1800 el. 06	215,0	294	1800	1735	43,30	28,80	5.395,8	1.581,6	1.839,0	1.365,6	930,6	541,8	1,334
6C 2000 el. 06	215,0	294	2000	1935	48,00	31,70	5.949,0	1.743,6	2.027,4	1.506,6	1.027,8	599,4	1,330
6C 2200 el. 06	215,0	294	2200	2135	52,70	34,70	6.501,0	1.905,6	2.215,8	1.647,6	1.125,0	657,0	1,327
6C 2500 el. 06	215,0	294	2500	2435	59,60	39,10	7.327,8	2.147,4	2.497,2	1.859,4	1.271,4	744,0	1,322
6C 1200 el. 07	215,0	339	1200	1135	34,20	23,30	4.338,6	1.271,2	1.478,4	1.088,5	733,6	420,7	1,371
6C 1500 el. 07	215,0	339	1500	1435	42,40	28,40	5.321,4	1.559,6	1.813,7	1.343,3	912,1	528,5	1,346
6C 1800 el. 07	215,0	339	1800	1735	50,50	33,60	6.295,1	1.845,2	2.145,5	1.593,2	1.085,7	632,1	1,334
6C 2000 el. 07	215,0	339	2000	1935	56,00	37,00	6.940,5	2.034,2	2.365,3	1.757,7	1.199,1	699,3	1,330
6C 2200 el. 07	215,0	339	2200	2135	61,50	40,50	7.584,5	2.223,2	2.585,1	1.922,2	1.312,5	766,5	1,327
6C 2500 el. 07	215,0	339	2500	2435	69,60	45,60	8.549,1	2.505,3	2.913,4	2.169,3	1.483,3	868,0	1,322
6C 1200 el. 08	215,0	384	1200	1135	39,10	26,60	4.958,4	1.452,8	1.689,6	1.244,0	838,4	480,8	1,371
6C 1500 el. 08	215,0	384	1500	1435	48,50	32,50	6.081,6	1.782,4	2.072,8	1.535,2	1.042,4	604,0	1,346
6C 1800 el. 08	215,0	384	1800	1735	57,80	38,40	7.194,4	2.108,8	2.452,0	1.820,8	1.240,8	722,4	1,334
6C 2000 el. 08	215,0	384	2000	1935	64,00	42,30	7.932,0	2.324,8	2.703,2	2.008,8	1.370,4	799,2	1,330
6C 2200 el. 08	215,0	384	2200	2135	70,20	46,20	8.668,0	2.540,8	2.954,4	2.196,8	1.500,0	876,0	1,327
6C 2500 el. 08	215,0	384	2500	2435	79,50	52,10	9.770,4	2.863,2	3.329,6	2.479,2	1.695,2	992,0	1,322

For Δt different from 50°C use the formula: Q=Qn (Δt / 50)n

Thanks to the high performance of TESI BENCH radiators, the ideal Δt for low temperature projects is Δt at 30°C.

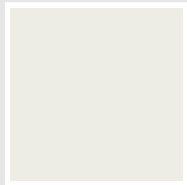
Colors and Finishes

STANDARD



Standard White
Cod. 01

CLASSIC



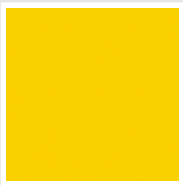
Edelweiss White
Cod. 34



Ivory - RAL 1013
Cod. 02



Beige Cream
Cod. 26



Yellow - RAL 1021
Cod. 04



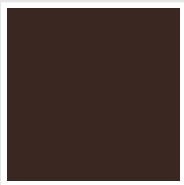
Melon Yellow - RAL 1028
Cod. E7



Orange - RAL 2004
Cod. 17



Brown Rust - RAL 8004
Cod. E1



Brown - RAL 8017
Cod. 09



Claret - RAL 3003
Cod. 06



Red - RAL 3000
Cod. 05



Strawberry Red - RAL 3018
Cod. Y3



Pink - RAL 3015
Cod. R2



Bluish Lilac - RAL 4005
Cod. R3



Purple Traffic - RAL 4006
Cod. R6



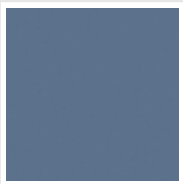
Woodland Green - RAL 6005
Cod. 19



Green Grass - RAL 6018
Cod. N3



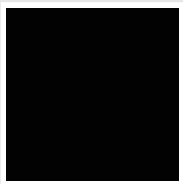
Sage Green - RAL 6021
Cod. E6



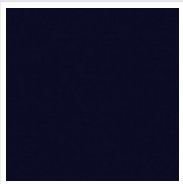
Pastel Blue - RAL 5024
Cod. G7



Manhattan Grey
Cod. 03

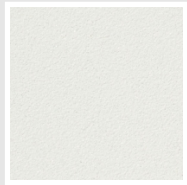


Black - RAL 9005
Cod. 10



Deep Blue
Cod. 2F

SPECIAL



Pearl White
Cod. 16



Quartz 1
Cod. 1C



Sablé
Cod. Y4



Quartz 2
Cod. 2C



Sunstone
Cod. 2D



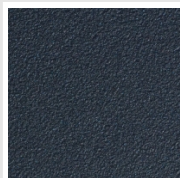
Tobacco Brown
Cod. 1B



Flame Red
Cod. 7D



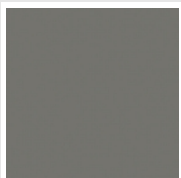
Purple Blue
Cod. 1D



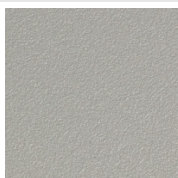
Azurite 3
Cod. 6C



Medium Grey
Cod. 4D



**Titanium Grey
Metallic - RAL 9023**
Cod. L3



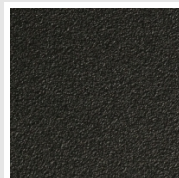
Pearl Grey
Cod. L6



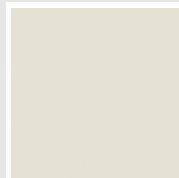
Graphite Black
Cod. 18



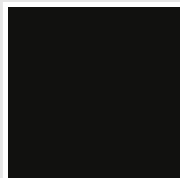
Quartz Grey
Cod. 31



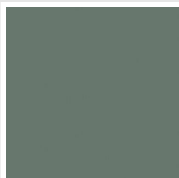
Satin Black
Cod. 30



Matt White
Cod. J8



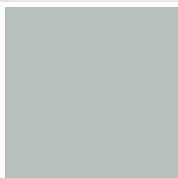
Matt Black
Cod. K1



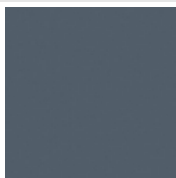
Agave
Cod. 9N



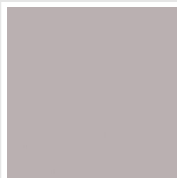
North Sea Blue
Cod. 1P



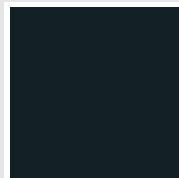
Ice
Cod. 3P



**Matt Blue Dove -
RAL 5014**
Cod. 4P



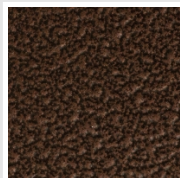
Matt Light Grey
Cod. 8N



Ash Grey - Ral 7021
Cod. G1

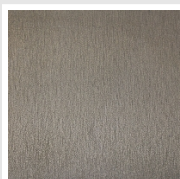


**Hammered Grey
Metallic**
Cod. 32



Hammered Copper
Cod. J4

FINISHES



Loft Finishing
Cod. TR

RAL



Other RAL Colours (following feasibility study)
Cod. ALTRIRAL

The Colors used in this folder are not considered binding. The different technological painting processes and the materials used for the realization can not have a perfect color match with the delivered product. Irsap company reserves the right to introduce at any time whatever modifications necessary to the improvement of the product.