

HINGED SINGLE LEAF DOORS HALF-HIDDEN

ALL PRICES IN US DOLLARS, DO NOT INCLUDE VAT. 2 MM THICK METAL DOOR FRAME INCLUDED

[HSLD H]

Jan. 26, 2021

- Insulation: rigid polyurethane foam. Thermal conductivity 0,022 W/m*K. Foam density: up to 50 kg/m³ / 3,1 pcf.
- For extra durability door leaf and edges are made of 0,5 mm thick galvanized steel sheets.
- To ensure reliability during operation hinged doors by PH Insulation are made with French or premium German locks and handles.
- All door locks come with keys and emergency opener from inside.
- Highly elastic double seal keeps the door airtight at temperatures as low as -30 °C [-22 °F].



FRENCH FERMOD AND ITALIAN MTH HARDWARE

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		800	900	1000	1100	1200	1300	1400
THICKNESS 80 MM	1800	335	344	351	371	388	477	485
	1900	343	352	359	380	410	490	510
	2000	351	360	368	389	419	502	522
	2100	358	368	376	410	429	526	535
	2200	375	385	393	429	449	552	561
	2300	445	457	467	495	520	641	652
	2400	454	467	477	506	532	656	667
100 MM	1800	358	368	376	401	423	512	521
	1900	366	377	385	411	446	526	548
	2000	375	386	395	422	458	540	562
	2100	383	395	404	444	469	565	576
	2200	401	413	422	464	491	593	603
	2300	474	488	499	535	567	687	699
	2400	484	499	510	547	580	703	716
120 MM	1800	367	378	388	414	437	528	538
	1900	376	388	397	425	461	542	565
	2000	385	397	407	436	473	557	580
	2100	394	407	417	458	485	583	595
	2200	412	426	437	480	508	612	624
	2300	488	504	517	554	588	710	724
	2400	498	515	528	567	602	727	741
150 MM	1800	422	436	446	464	475	602	616
	1900	433	447	458	477	500	618	645
	2000	444	459	470	489	513	634	661
	2100	455	470	482	514	526	663	678
	2200	466	481	493	527	539	679	694
	2300	542	560	574	598	613	774	792
	2400	554	573	587	613	627	793	811

OUR DOORS ARE AVAILABLE IN CUSTOM SIZES TO INSURE BEST COMMERCIAL APPLICATION

GERMAN RAHRBACH HARDWARE



	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		800	900	1000	1100	1200	1300	1400
THICKNESS 80 MM	1800	573	579	595	608	627	756	764
	1900	582	589	605	618	679	770	779
	2000	590	597	615	628	689	783	792
	2100	598	606	624	679	700	797	806
	2200	607	614	633	688	710	810	820
	2300	656	664	683	698	721	824	833
	2400	664	672	693	708	731	837	847
	2500	783	791	812	828	852	961	1012
	2600	792	801	822	838	863	975	1026
	2700	801	809	831	848	874	1030	1040
	2800	813	821	844	861	888	1047	1058
	2900	862	871	895	912	940	1061	1072
	3000	870	880	904	921	950	1074	1085
	3100	879	888	913	931	961	1088	1099
	3200	888	898	923	942	972	1102	1114
	3300	897	906	933	951	983	1116	1128
	3400	905	915	942	961	993	1129	1141
	3500	980	990	1018	1038	1071	1210	1263
3600	989	999	1027	1048	1081	1223	1277	
3700	997	1008	1037	1057	1092	1278	1290	
3800	1006	1017	1047	1068	1103	1292	1305	
THICKNESS 100 MM	1800	582	590	610	624	647	771	781
	1900	592	600	621	635	700	786	796
	2000	601	609	631	646	711	801	811
	2100	609	618	641	697	723	815	825
	2200	618	627	651	707	734	829	840
	2300	668	677	702	718	746	843	854
	2400	677	686	712	728	757	858	869
	2500	796	805	832	849	879	982	1035
	2600	806	815	843	860	891	997	1050
	2700	814	824	853	871	903	1052	1064
	2800	827	837	866	885	918	1071	1083
	2900	877	887	917	936	971	1085	1097
	3000	886	896	927	947	982	1099	1112
	3100	894	906	937	957	994	1114	1127
	3200	904	915	948	969	1006	1129	1142
	3300	913	925	958	979	1018	1143	1157
	3400	922	934	968	990	1029	1157	1171
	3500	998	1010	1045	1067	1107	1238	1293
	3600	1007	1019	1055	1078	1119	1253	1308
	3700	1016	1028	1065	1088	1131	1308	1323
	3800	1025	1038	1076	1099	1143	1323	1338
	3900	1034	1047	1086	1110	1154	1337	1353
	4000	1043	1057	1096	1121	1166		1367
	4100	1093	1107	1147	1172	1219		1382
	4200	1102	1116	1157	1182	1230		1396
	4300	1111	1125	1167	1193	1242		
	4400	1120	1135	1178	1204	1254		
	4500	1129	1144	1188	1215	1266		
4600	1138	1153	1198	1225	1277			
4700	1147	1163	1208	1236	1289			
4800	1156	1172	1218	1246	1300			
4900		1181	1228	1257	1312			
5000		1190	1238	1268	1323			

	1800	592	600	622	637	661	787	798
	1900	602	611	633	649	715	803	814
	2000	611	620	644	660	727	818	829
	2100	620	630	654	712	739	833	845
	2200	630	640	665	723	751	848	860
	2300	680	690	716	734	763	863	875
	2400	689	700	727	745	776	878	891
	2500	809	820	848	866	898	1004	1057
	2600	819	830	859	878	911	1019	1073
	2700	828	840	869	889	923	1075	1089
	2800	841	853	884	904	939	1094	1108
	2900	891	904	935	956	992	1109	1123
	3000	901	913	946	967	1005	1124	1139
THICKNESS 120 MM	3100	910	923	956	979	1017	1139	1154
	3200	920	933	968	991	1030	1155	1170
	3300	930	943	978	1002	1042	1170	1186
	3400	939	953	989	1013	1054	1185	1201
	3500	1015	1029	1066	1091	1133	1267	1324
	3600	1025	1039	1077	1102	1146	1282	1340
	3700	1034	1049	1088	1113	1158	1338	1355
	3800	1044	1059	1099	1125	1171	1354	1371
	3900	1054	1069	1110	1136	1183	1369	1387
	4000	1063	1079	1120	1147	1195		1402
	4100	1113	1129	1172	1200	1249		1418
	4200	1123	1139	1183	1211	1261		1433
	4300	1132	1149	1193	1222	1273		
	4400	1142	1159	1205	1234	1286		
	4500	1152	1169	1215	1245	1298		
	4600	1161	1179	1226	1256	1311		
	4700	1171	1188	1236	1267	1323		
4800	1180	1198	1247	1279	1335			
4900		1208	1258	1290	1347			
5000		1218	1268	1301	1360			
THICKNESS 150 MM	1800	616	626	649	681	691	821	833
	1900	626	637	661	695	746	838	850
	2000	636	647	672	707	759	854	867
	2100	646	658	684	761	773	870	883
	2200	656	668	695	774	786	886	900
	2300	709	721	750	789	802	905	919
	2400	717	730	759	800	812	918	933
	2500	838	851	881	923	936	1045	1101
	2600	848	862	893	936	950	1062	1118
	2700	858	872	904	949	963	1119	1134
	2800	872	886	919	966	980	1139	1155
	2900	923	937	971	1020	1034	1155	1172
	3000	933	948	983	1032	1048	1171	1188
	3100	943	958	994	1045	1061	1188	1205
	3200	954	970	1007	1059	1075	1204	1222
	3300	964	980	1018	1072	1088	1221	1239
	3400	974	991	1030	1085	1102	1237	1256
	3500	1051	1068	1108	1165	1182	1320	1380
	3600	1061	1079	1120	1177	1195	1336	1397
	3700	1071	1089	1131	1190	1208	1393	1413
3800	1082	1100	1143	1204	1222	1410	1431	
3900	1092	1111	1155	1217	1236	1427	1447	
4000	1103	1121	1166	1230	1249		1464	
4100	1154	1173	1219	1284	1303		1481	
4200	1164	1183	1230	1296	1316		1497	
4300	1174	1194	1242	1309	1330			
4400	1205	1254	1309	1344	1491			
4500	1195	1215	1265	1336	1357			
4600	1205	1226	1277	1349	1370			
4700	1215	1236	1288	1362	1384			
4800	1225	1247	1300	1375	1397			
4900		1258	1312	1388	1410			
5000		1268	1323	1400	1424			

OUR DOORS ARE AVAILABLE IN CUSTOM SIZES TO INSURE BEST COMMERCIAL APPLICATION

DOOR CATALOGUE CODES

HSLD	HINGED SINGLE LEAF DOOR
HSLD H	HINGED SINGLE LEAF DOOR HALF-HIDDEN
HSLD H R	HINGED SINGLE LEAF DOOR WITH RAHRBACH HARDWARE
L	LOW RANGE TEMPERATURE DOOR
M	MEDIUM RANGE TEMPERATURE DOOR
RIGHT/LEFT	HINGES LOCATION: RIGHT/LEFT

EXAMPLE OF DOOR CATALOGUE CODE: HSLD 800 2000 100 RAL9003/RAL9003 80 L RIGHT

DOOR TYPE	DOORWAY WIDTH	DOORWAY HEIGHT	DOOR THICKNESS	COVERING MATERIAL		THRESHOLD HEIGHT	TEMPERATURE	HINGES LOCATION
				EXTERIOR METAL	INTERIOR METAL			
HSLD	800	2 000	100	RAL9003	RAL9003	80	L	RIGHT

ADDITIONAL OPTIONS FOR TRAFFIC SWINGING DOORS

ITEM	PRICE
FRAME HEATING CABLE FOR LOW-TEMPERATURE COLD ROOMS BELOW 0°C.	
PRICE FOR RUNNING METER	5
FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH PANELS	13
FRAME INSTALLATION HARDWARE TO A BRICK WALL	6
FRAME INSTALLATION HARDWARE FOR STEEL STUD CONSTRUCTION	3
HARDWARE KIT FOR A DOOR OPENING IN SANDWICH PANEL WALL	54
DOOR BLADE MATERIAL: AISI 304, PRICE FOR 1 SQ. M	28
DOOR BLADE MATERIAL: AISI 430, PRICE FOR 1 SQ. M	18
FRAME FOR HSLD H MADE OF FOOD GRADE STAINLESS STEEL AISI 304,	
PRICE FOR RUNNING METER	18
FRAME FOR HSLD AND HSLD H R MADE OF FOOD GRADE STAINLESS STEEL AISI 304,	
PRICE FOR RUNNING METER	17
FRAME FOR HSLD H MADE OF ALL-PURPOSE STAINLESS STEEL AISI 430,	
PRICE FOR RUNNING METER	10
FRAME FOR HSLD AND HSLD H R MADE OF ALL-PURPOSE STAINLESS STEEL AISI 430,	
PRICE FOR RUNNING METER	9
FRAME FOR MONORAIL	34
HSLD H INSIDE OPENING	236
HSLD H R INSIDE OPENING	102
SINGLE GLAZED PLASTIC WINDOW, SIZE 400X400 MM, PRICE FOR ONE PIECE	48
SINGLE GLAZED PLASTIC WINDOW, SIZE 400X600 MM, PRICE FOR ONE PIECE	54
LIGHT THRESHOLD RAL, PRICE FOR RUNNING METER	36
LIGHT THRESHOLD AISI 304, PRICE FOR RUNNING METER	57
LIGHT THRESHOLD AISI 430, PRICE FOR RUNNING METER	45
INSULATED THRESHOLD AISI 304, PRICE FOR RUNNING METER	105
INSULATED THRESHOLD AISI 430, PRICE FOR RUNNING METER	56
STAINLESS STEEL METALWARE KIT, PRICE FOR 1 SQ. M	4
HIDDEN FASTENING FOR FRAME	40
HIDDEN FASTENING FOR AISI 304 FRAME	59
HIDDEN FASTENING FOR AISI 430 FRAME	54

BUMPERS FOR HINGED DOORS

BUMPER MATERIAL	THICKNESS, MM	PRICE FOR SQ. M	PRICE FOR RUNNING METER	
			BOTTOM 0,25 M	BOTTOM 0,5 M
AISI 304	1,5	62	16	31
AISI 430	1,5	45	11	22
ALUMINIUM CHECKER PLATE	1,5	45	11	23
FLAT HDP PLASTIC	4,0	25	6	13



DOOR RAMPS

THICKNESS 2 MM, UPPER PART MADE FROM CHECKER PLATE

DOOR RAMP HEIGHT, MM	DOOR RAMP WIDTH, MM								
	800	900	1000	1100	1200	1300	1400	1500	1600
50	124	139	148	156	171	179	188	197	211
60	126	141	150	159	174	182	191	200	215
80	129	145	154	163	179	188	197	206	221
100	133	150	159	168	184	193	202	211	228
120	136	154	163	172	190	199	208	217	235
150	141	161	170	179	198	207	216	226	245
200	150	171	181	190	212	221	231	240	262

DOOR RAMPS

THICKNESS 2 MM, UPPER PART MADE FROM CHECKER PLATE

DOOR RAMP HEIGHT, MM	DOOR RAMP WIDTH, MM								
	800	900	1000	1100	1200	1300	1400	1500	1600
50	167	182	191	203	211	226	235	244	262
60	169	185	193	205	214	229	238	247	266
80	174	190	199	211	220	236	245	254	273
100	178	196	205	217	226	243	252	261	281
120	183	201	210	222	232	250	259	268	289
150	190	209	219	231	240	260	269	278	301
200	201	223	232	245	255	276	286	296	321

PACKAGING

ITEM	PRICE
STRETCH-WRAP	INCLUDED IN DOOR PRICE
CARDBOARD PACKAGING	CALCULATED INDIVIDUALLY FOR YOUR ORDER
WOODEN PACKAGING	CALCULATED INDIVIDUALLY FOR YOUR ORDER