

**HINGED SINGLE LEAF DOORS HALF-HIDDEN**

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

**(HSLD H)**

03.07.2024

- Insulation: rigid polyurethane foam. Thermal conductivity 0,022 W/m\*K. Foam density: up to 50 kg/m<sup>3</sup> / 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		INSTALLATION OPENING, WIDTH, MM						
OPENING, HEIGHT, MM		800	900	1000	1100	1200	1300	1400
80 MM THICKNESS	1800	348	358	373	391	408	503	513
	1900	355	366	382	400	432	516	539
	2000	364	375	392	410	442	529	553
	2100	372	383	401	433	452	556	566
	2200	393	405	424	457	478	587	599
	2300	472	487	510	534	560	691	705
	2400	482	497	521	546	573	707	721
100 MM THICKNESS	1800	375	387	407	427	450	546	558
	1900	384	396	418	438	475	561	586
	2000	393	406	428	449	487	576	601
	2100	405	419	442	477	502	607	620
	2200	424	439	464	500	527	638	652
	2300	508	526	556	584	617	749	765
	2400	519	537	568	597	632	766	783
120 MM THICKNESS	1800	388	402	426	445	469	568	581
	1900	397	412	437	457	495	583	610
	2000	407	422	449	469	508	599	627
	2100	420	435	463	497	524	632	646
	2200	440	457	486	522	551	665	680
	2300	527	548	584	611	646	781	800
	2400	539	560	597	625	662	800	819
150 MM THICKNESS	1800	427	444	472	508	521	629	645
	1900	438	455	485	522	550	647	677
	2000	452	471	501	540	568	669	699
	2100	463	482	514	568	583	700	718
	2200	486	507	540	597	614	737	756
	2300	579	604	645	698	718	864	886
	2400	593	618	660	715	736	885	909

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

\* ADDITIONAL OPTION FOR DOORS WITH LESS THAN 120 MM WIDTH



## GERMAN RAHRBACH HARDWARE

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM							
		800	900	1000	1100	1200	1300	1400	1500
<b>THICKNESS 80 MM</b>	1800	676	685	704	720	741	885	896	908
	1900	686	695	715	732	804	900	912	924
	2000	695	706	726	743	816	916	928	941
	2100	705	716	737	805	829	931	944	957
	2200	715	726	748	816	841	947	960	973
	2300	775	786	809	828	854	963	976	1039
	2400	788	800	823	843	870	982	996	1059
	2500	933	945	969	989	1017	1133	1196	1210
	2600	943	955	980	1001	1030	1148	1212	1227
	2700	953	965	991	1013	1043	1214	1229	1243
	2800	967	980	1007	1029	1060	1234	1249	1265
	2900	1028	1041	1069	1092	1123	1251	1267	1282
	3000	1038	1052	1080	1103	1136	1267	1283	1299
	3100	1048	1061	1091	1114	1148	1282	1299	1315
	3200	1058	1072	1102	1126	1161	1298	1315	1331
	3300	1068	1082	1113	1138	1174	1314	1331	1398
	3400	1078	1093	1124	1150	1186	1330	1347	1414
	3500	1170	1185	1218	1244	1281	1428	1495	1513
	3600	1181	1197	1230	1257	1295	1445	1513	1531
	3700	1192	1207	1241	1269	1308	1511	1529	1548
3800	1202	1218	1253	1280	1321	1527	1545	1564	
<b>THICKNESS 100 MM</b>	1800	683	694	718	736	762	902	915	928
	1900	694	705	730	749	826	918	932	946
	2000	704	716	742	761	840	935	950	964
	2100	715	727	754	824	853	952	967	981
	2200	726	738	766	837	867	969	984	999
	2300	786	799	828	849	881	986	1001	1067
	2400	800	814	844	866	899	1007	1022	1088
	2500	946	960	990	1013	1048	1158	1224	1240
	2600	956	971	1002	1026	1062	1175	1241	1258
	2700	967	982	1015	1039	1076	1242	1259	1276
	2800	982	997	1031	1056	1094	1263	1281	1299
	2900	1044	1059	1094	1120	1159	1282	1300	1318
	3000	1055	1071	1107	1133	1173	1299	1317	1336
	3100	1065	1081	1118	1145	1187	1315	1334	1353
	3200	1076	1092	1130	1158	1201	1332	1352	1371
	3300	1086	1104	1143	1171	1215	1349	1369	1439
	3400	1097	1115	1155	1184	1229	1366	1387	1457
	3500	1190	1208	1249	1279	1325	1466	1536	1557
	3600	1202	1221	1263	1293	1341	1484	1555	1576
	3700	1213	1232	1275	1307	1355	1551	1572	1594
	3800	1224	1244	1287	1320	1369	1568	1590	1612
	3900	1235	1255	1300	1332	1383	1585	1607	1630
	4000	1246	1266	1312	1346	1397		1625	1648
	4100	1307	1327	1374	1408	1461		1643	1666
	4200	1317	1338	1386	1421	1475		1660	1684
	4300	1329	1351	1400	1435	1491			1703
	4400	1340	1362	1412	1448	1505			1721
	4500	1351	1373	1424	1461	1519			1739
4600	1362	1385	1437	1474	1533				
4700	1375	1398	1451	1489	1549				
4800	1385	1409	1463	1502	1563				
4900		1420	1475	1515	1577				
5000			1432	1488	1528	1592			

	1800	704	717	742	762	790	932	947	962
	1900	716	729	755	776	855	950	966	981
	2000	727	741	768	790	870	968	984	1000
	2100	738	752	781	853	885	986	1003	1019
	2200	750	764	794	867	900	1004	1022	1039
	2300	811	826	857	881	915	1022	1040	1107
	2400	826	842	873	898	934	1044	1063	1130
	2500	972	988	1021	1047	1083	1197	1266	1284
	2600	983	1000	1034	1060	1098	1215	1284	1303
	2700	995	1012	1047	1074	1114	1283	1303	1323
	2800	1011	1028	1064	1093	1133	1306	1326	1346
	2900	1073	1091	1129	1158	1199	1326	1346	1367
	3000	1085	1103	1142	1172	1215	1344	1365	1387
THICKNESS 120 MM	3100	1096	1115	1154	1185	1229	1362	1383	1405
	3200	1107	1127	1167	1199	1244	1380	1402	1424
	3300	1119	1139	1181	1213	1260	1398	1421	1493
	3400	1130	1151	1194	1227	1275	1416	1440	1513
	3500	1224	1245	1289	1323	1372	1517	1591	1614
	3600	1237	1259	1303	1338	1389	1536	1611	1635
	3700	1249	1271	1317	1352	1404	1605	1629	1654
	3800	1260	1283	1330	1366	1419	1623	1648	1674
	3900	1272	1295	1343	1380	1434	1641	1667	1693
	4000	1284	1307	1356	1394	1450		1686	1712
	4100	1345	1369	1419	1458	1515		1705	1732
	4200	1357	1381	1433	1472	1530		1724	1751
	4300	1369	1394	1447	1487	1546			1772
	4400	1381	1406	1460	1501	1562			1791
	4500	1392	1418	1473	1515	1577			1810
	4600	1404	1431	1487	1529	1592			
	4700	1417	1444	1501	1545	1609			
	4800	1429	1457	1515	1559	1624			
	4900		1469	1528	1573	1640			
	5000		1481	1541	1587	1655			
THICKNESS 150 MM	1800	727	742	769	808	823	969	987	1004
	1900	739	755	784	824	889	989	1007	1025
	2000	752	768	798	840	906	1009	1028	1046
	2100	764	781	812	906	923	1029	1048	1067
	2200	777	794	827	922	939	1049	1069	1089
	2300	839	857	891	938	956	1068	1089	1160
	2400	855	874	909	958	977	1092	1114	1185
	2500	1002	1022	1058	1108	1128	1247	1318	1340
	2600	1015	1035	1072	1124	1145	1267	1339	1362
	2700	1028	1048	1087	1141	1161	1336	1360	1383
	2800	1044	1065	1105	1161	1183	1361	1385	1409
	2900	1108	1130	1171	1228	1251	1382	1407	1432
	3000	1121	1143	1186	1245	1268	1403	1428	1453
	3100	1133	1156	1199	1260	1284	1422	1448	1474
	3200	1145	1169	1214	1276	1301	1442	1469	1495
	3300	1158	1182	1229	1293	1317	1462	1489	1566
	3400	1171	1196	1243	1309	1334	1482	1510	1588
	3500	1266	1291	1340	1407	1433	1585	1663	1692
	3600	1280	1306	1356	1425	1451	1606	1685	1714
	3700	1292	1319	1370	1441	1468	1676	1706	1736
3800	1305	1333	1385	1457	1485	1696	1727	1757	
3900	1318	1346	1399	1474	1502	1716	1747	1778	
4000	1331	1360	1414	1490	1519		1768	1800	
4100	1393	1423	1478	1556	1586		1789	1821	
4200	1406	1436	1493	1572	1603		1810	1843	
4300	1420	1450	1509	1590	1621			1865	
4400	1433	1464	1523	1606	1638			1887	
4500	1445	1477	1538	1622	1655			1908	
4600	1458	1491	1552	1638	1672				
4700	1472	1506	1569	1656	1690				
4800	1485	1519	1583	1673	1707				
4900		1532	1598	1689	1724				
5000		1546	1612	1705	1741				

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



## DOOR CATALOGUE CODES

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

### 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	TEMPE- RATURE	HINGES LOCA- TION
				EXTERIOR METAL	INTERIOR METAL			
HSLD	800	2 000	100	RAL9003	RAL9003	80	L	RIGHT

## ADDITIONAL OPTIONS FOR TRAFFIC SWINGING DOORS

ITEM	PRICE
MTH DOOR LOCK .....	<b>22</b>
FRAME HEATING CABLE FOR LOW-TEMPERATURE COLD ROOMS BELOW 0°C. PRICE FOR RUNNING METER .....	<b>3</b>
FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH PANELS .....	<b>19</b>
FRAME INSTALLATION HARDWARE TO A BRICK WALL .....	<b>4</b>
FRAME INSTALLATION HARDWARE FOR STEEL STUD CONSTRUCTION .....	<b>2</b>
HARDWARE KIT FOR A DOOR OPENING IN SANDWICH PANEL WALL .....	<b>36</b>
DOOR BLADE MATERIAL: AISI 304, PRICE FOR 1 SQ. M .....	<b>31</b>
DOOR BLADE MATERIAL: AISI 430, PRICE FOR 1 SQ. M .....	<b>22</b>
FRAME FOR HSLD H MADE OF FOOD GRADE STAINLESS STEEL AISI 304, PRICE FOR RUNNING METER .....	<b>27</b>
FRAME FOR HSLD AND HSLD H R MADE OF FOOD GRADE STAINLESS STEEL AISI 304, PRICE FOR RUNNING METER .....	<b>25</b>
FRAME FOR HSLD H MADE OF ALL-PURPOSE STAINLESS STEEL AISI 430, PRICE FOR RUNNING METER .....	<b>15</b>
FRAME FOR HSLD AND HSLD H R MADE OF ALL-PURPOSE STAINLESS STEEL AISI 430, PRICE FOR RUNNING METER .....	<b>14</b>
FRAME FOR MONORAIL .....	<b>23</b>
HSLD H INSIDE OPENING .....	<b>205</b>
HSLD H R INSIDE OPENING .....	<b>76</b>
SINGLE GLAZED PLASTIC WINDOW, SIZE 400X400 MM, PRICE FOR ONE PIECE .....	<b>42</b>
SINGLE GLAZED PLASTIC WINDOW, SIZE 400X600 MM, PRICE FOR ONE PIECE .....	<b>45</b>
LIGHT THRESHOLD RAL, PRICE FOR RUNNING METER .....	<b>31</b>
LIGHT THRESHOLD AISI 304, PRICE FOR RUNNING METER .....	<b>49</b>
LIGHT THRESHOLD AISI 430, PRICE FOR RUNNING METER .....	<b>36</b>

INSULATED THRESHOLD AISI 304, PRICE FOR RUNNING METER .....	<b>88</b>
INSULATED THRESHOLD AISI 430, PRICE FOR RUNNING METER .....	<b>57</b>
STAINLESS STEEL METALWARE KIT, PRICE FOR 1 SQ. M .....	<b>3</b>
TAMPER-EVIDENT SEAL KIT .....	<b>20</b>
HIDDEN FASTENING FOR FRAME .....	<b>32</b>
HIDDEN FASTENING FOR AISI 304 FRAME .....	<b>47</b>
HIDDEN FASTENING FOR AISI 430 FRAME .....	<b>40</b>

## 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	105	26	52
AISI 430	1,5	70	17	35
ALUMINIUM CHECKER PLATE	1,5	48	12	24
FLAT HDP PLASTIC	4,0	31	8	16



## 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	118	133	142	152	166	176	185	195	209
60	120	135	144	154	169	178	188	197	212
80	123	139	148	158	174	183	193	202	218
100	126	143	152	162	179	188	198	208	225
120	129	147	156	166	184	194	203	213	231
150	133	153	162	172	191	201	211	221	240
200	141	162	172	182	204	214	224	234	255

## 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	161	176	185	198	207	222	232	241	259
60	163	178	188	200	210	225	235	244	262
80	167	183	193	205	215	231	241	251	269
100	171	188	198	211	220	237	247	257	277
120	175	193	203	216	226	243	253	263	284
150	182	201	211	223	233	253	263	273	294
200	192	213	224	236	246	268	278	288	312

## PACKAGING

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

