

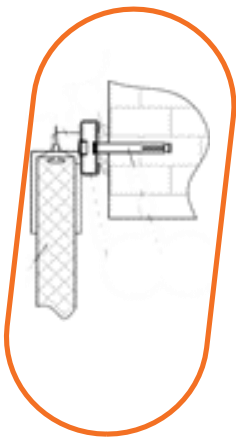
TRAFFIC SWINGING SINGLE LEAF DOORS WITH TORSION HINGES

ALL PRICES IN US DOLLARS, 2 MM THICK DOOR FRAME INCLUDED, VAT NOT INCLUDED

(TSD TH)

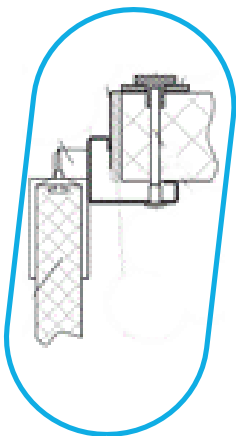
08.07.2024

- PH Insulation's traffic swinging doors are designed to separate production and other premises in places with intensive traffic of personnel. The factory-made doors are ready for installation on technological, industrial premises, supermarkets, hospitals, food production facilities, cafes, restaurants, etc. Doors can be equipped with oval windows of 200x500 or 300x580 mm.
- PH Insulation's doors with torsion hinges automatically return to the closed position and remain closed even in strong wind.
- All elements of torsion hinges are made of steel.
- Torsion hinges are less visible in the interior compared to standard hinges.
- Important! Doors with torsion hinges should be used only in dry areas.



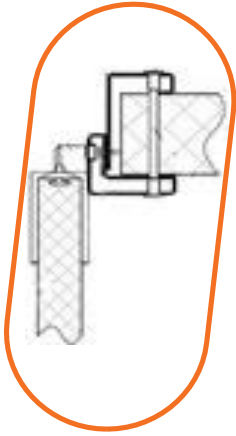
OVERHEAD FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		700	800	900	1000	1100	1200	1300
RAL 9003	1800	412	421	429	441	449	466	543
	1900	417	427	435	447	455	536	550
	2000	421	433	441	454	462	543	557
	2100	425	439	447	460	530	550	564
	2200	430	445	453	466	536	557	572
	2300	439	455	464	539	549	569	650
	2400	447	466	475	551	561	582	664
	2500	526	542	552	568	579	601	684
	2600	537	555	565	581	592	681	699
	2700	544	563	573	590	601	690	709
	2800	550	571	582	599	674	700	719
	2900	622	641	653	671	683	709	729
	3000	629	649	661	680	692	719	738
	3100	637	658	670	690	702	729	749
	3200	643	666	679	698	711	739	759
3300	649	673	686	706	719	747	768	



ANGULAR FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		700	800	900	1000	1100	1200	1300
RAL 9003	1800	433	444	452	463	471	489	568
	1900	438	451	459	470	478	561	576
	2000	448	462	471	482	491	574	590
	2100	453	469	478	489	561	582	598
	2200	458	475	484	496	568	590	606
	2300	468	487	496	571	581	604	687
	2400	478	498	508	584	595	617	702
	2500	554	572	583	597	608	631	716
	2600	563	583	594	608	619	709	728
	2700	571	592	603	617	629	719	739
	2800	578	601	612	627	703	730	750
	2900	651	672	684	700	713	740	760
	3000	660	682	695	711	724	752	773
	3100	668	691	704	721	734	762	783
	3200	674	699	712	729	742	771	792
3300	681	708	721	739	752	781	803	



OVERLAPPING FRAME

INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
	700	800	900	1000	1100	1200	1300
1800	511	524	534	547	560	579	652
1900	519	533	544	557	570	656	663
2000	532	548	559	573	586	674	681
2100	540	558	569	583	663	685	692
2200	548	567	578	593	673	695	703
2300	562	583	594	675	691	713	790
2400	575	598	610	692	708	731	808
2500	664	686	699	716	733	757	835
2600	677	699	713	730	748	842	850
2700	688	712	725	743	761	855	864
2800	699	724	738	756	842	869	878
2900	778	801	817	836	855	883	892
3000	793	818	833	853	873	901	911
3100	804	830	846	866	886	915	925
3200	810	838	854	874	895	924	934
3300	821	850	867	887	908	938	948

RAL 9003

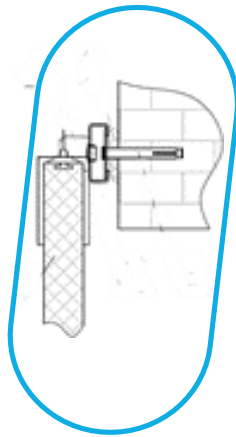
ALL DOORS ARE AVAILABLE IN CUSTOM SIZES TO INSURE BEST COMMERCIAL APPLICATION

TRAFFIC SWINGING DOUBLE LEAF DOORS WITH TORSION HINGES

ALL PRICES IN US DOLLARS, 2 MM THICK DOOR FRAME INCLUDED, VAT NOT INCLUDED

(TDD TH)

08.07.2024



OVERHEAD FRAME

INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
	1000	1100	1200	1300	1400
1800	646	649	657	660	723
1900	653	656	664	668	734
2000	660	664	672	675	745
2100	667	671	679	683	756
2200	674	678	686	690	767
2300	688	693	701	705	786
2400	702	707	715	720	805
2500	833	838	847	851	940
2600	851	856	865	869	961
2700				881	977
2800				893	992
2900				1029	1132
3000				1041	1147
3100				1054	1163
3200				1066	1179
3300				1077	1193

RAL 9003

OVERHEAD FRAME

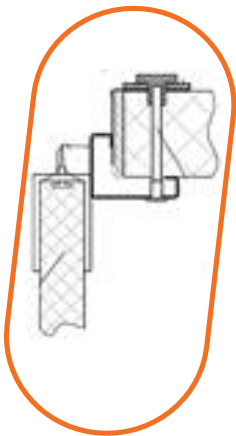
	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1500	1600	1700	1800	1900
RAL 9003	1800	726	729	733	736	739
	1900	737	741	744	747	751
	2000	748	752	755	759	763
	2100	759	763	767	771	775
	2200	771	775	779	782	786
	2300	790	794	798	802	829
	2400	809	813	818	822	950
	2500	944	949	953	958	962
	2600	966	971	975	980	985
	2700	982	986	991	996	1001
	2800	997	1002	1007	1012	1017
	2900	1137	1142	1147	1152	1158
	3000	1152	1158	1163	1168	1174
	3100	1169	1174	1180	1186	1191
	3200	1184	1190	1196	1202	1207
	3300	1199	1205	1211	1217	1222

OVERHEAD FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		2 000	2 100	2 200	2 300	2 400	2 500	2 600
RAL 9003	1800	743	746	749	753	756	881	884
	1900	754	758	761	886	890	893	897
	2000	766	770	774	899	902	906	910
	2100	778	904	907	911	915	919	923
	2200	790	916	920	924	928	932	935
	2300	933	937	941	945	950	1077	1081
	2400	954	959	963	967	972	1100	1105
	2500	967	971	976	980	985	1113	1118
	2600	990	994	999	1128	1133	1137	1142
	2700	1006	1011	1016	1145	1149	1154	1159
	2800	1022	1151	1156	1161	1167	1171	1177
	2900	1163	1168	1173	1178	1184	1189	1194
	3000	1179	1184	1190	1195	1200	1206	1211
	3100	1197	1202	1208	1213	1219	1224	1230
	3200	1213	1219	1224	1230	1236	1241	1247
	3300	1228	1234	1240	1246	1252	1257	1263

ANGULAR FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1000	1100	1200	1300	1400
RAL 9003	1800	663	667	675	678	741
	1900	671	675	683	687	753
	2000	679	683	691	695	765
	2100	687	691	699	703	776
	2200	702	706	714	719	796
	2300	717	721	730	734	816
	2400	732	736	745	750	836
	2500	862	867	876	881	969
	2600	877	882	892	897	989
	2700				909	1005
	2800				922	1021
	2900				1059	1162
	3000				1073	1180
	3100				1086	1196
	3200				1097	1210
	3300				1110	1227

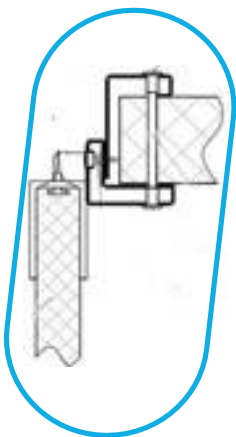


ANGULAR FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1500	1600	1700	1800	1900
RAL 9003	1800	745	748	752	756	759
	1900	757	760	764	768	772
	2000	769	773	777	780	784
	2100	781	785	789	793	797
	2200	800	805	809	813	818
	2300	820	825	830	834	862
	2400	841	846	850	855	885
	2500	974	979	984	989	994
	2600	994	999	1004	1009	1014
	2700	1010	1016	1021	1026	1031
	2800	1027	1032	1038	1043	1048
	2900	1167	1173	1178	1184	1189
	3000	1185	1191	1197	1203	1208
	3100	1202	1208	1213	1219	1225
	3200	1216	1222	1228	1234	1241
	3300	1233	1239	1245	1251	1258

ANGULAR FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
		2 000	2 100	2 200	2 300	2 400	2 500	2 600
RAL 9003	1800	763	767	770	774	778	903	906
	1900	776	779	783	908	912	916	920
	2000	788	792	796	922	926	930	933
	2100	801	927	931	935	939	943	947
	2200	822	949	953	957	962	966	970
	2300	967	971	976	980	985	1113	1118
	2400	989	994	999	1003	1008	1138	1143
	2500	999	1004	1009	1014	1018	1147	1152
	2600	1019	1024	1029	1159	1164	1169	1174
	2700	1037	1042	1047	1176	1181	1187	1192
	2800	1054	1183	1188	1194	1199	1205	1210
	2900	1195	1200	1206	1212	1217	1223	1228
	3000	1214	1220	1225	1231	1237	1243	1248
	3100	1231	1237	1243	1249	1255	1261	1266
	3200	1247	1253	1259	1265	1271	1277	1283
	3300	1264	1270	1276	1282	1288	1295	1301



OVERLAPPING FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1000	1100	1200	1300	1400
RAL 9003	1800	747	752	761	766	833
	1900	759	764	774	779	849
	2000	771	776	786	791	865
	2100	782	788	798	803	881
	2200	797	802	812	818	900
	2300	815	821	832	838	923
	2400	838	844	855	861	952
	2500	960	966	977	983	1075
	2600	978	985	995	1002	1097
	2700				1017	1116
	2800				1034	1136
	2900				1176	1282
	3000				1196	1305
	3100				1211	1325
	3200				1223	1339
3300				1238	1359	

OVERLAPPING FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1500	1600	1700	1800	1900
RAL 9003 1800	837	842	847	852	857	
1900	854	859	864	869	874	
2000	870	876	881	886	892	
2100	886	891	897	903	908	
2200	905	911	917	922	928	
2300	929	935	941	947	1081	
2400	958	964	970	976	1112	
2500	1081	1087	1094	1100	1106	
2600	1104	1110	1116	1123	1129	
2700	1123	1130	1136	1143	1149	
2800	1143	1150	1157	1164	1170	
2900	1289	1296	1303	1310	1317	
3000	1313	1320	1327	1334	1341	
3100	1332	1339	1347	1354	1361	
3200	1347	1354	1362	1369	1377	
3300	1366	1374	1382	1389	1397	

OVERLAPPING FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM					
		2000	2100	2200	2300	2400	2500
RAL 9003 1800	863	867	872	877	882	1013	1018
1900	880	885	890	1021	1026	1032	1037
2000	897	902	908	1039	1044	1050	1055
2100	914	1045	1051	1056	1062	1067	1073
2200	934	1066	1072	1078	1083	1089	1095
2300	1087	1093	1099	1105	1110	1245	1251
2400	1119	1125	1131	1137	1143	1279	1285
2500	1113	1119	1125	1132	1138	1270	1277
2600	1136	1143	1149	1281	1288	1294	1301
2700	1156	1163	1169	1302	1308	1315	1322
2800	1177	1310	1317	1324	1331	1338	1344
2900	1324	1331	1338	1345	1352	1359	1366
3000	1349	1356	1363	1370	1377	1385	1392
3100	1369	1376	1383	1391	1398	1406	1413
3200	1384	1392	1399	1407	1414	1422	1429
3300	1404	1412	1420	1427	1435	1443	1450

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

DOOR CATALOGUE CODES

TSD TH	TRAFFIC SWINGING SINGLE LEAF DOORS WITH TORSION HINGES
TDD TH	TRAFFIC SWINGING DOUBLE LEAF DOORS WITH TORSION HINGES
RIGHT / LEFT	HINGES ON THE RIGHT / HINGES ON THE LEFT

EXAMPLE OF DOOR CATALOGUE CODE: TSD TH 800 2000 40 RAL9003/RAL9003 ANG RIGHT

DOOR TYPE	DOORWAY WIDTH	DOORWAY HEIGHT	DOOR THICKNESS	DOOR LEAF METAL		FRAME TYPE	HINGES LOCATION
				EXTERIOR	INTERIOR		
TSD TH	800	2000	40	RAL9003	RAL9003	ANGULAR	RIGHT

ADDITIONAL OPTIONS FOR TRAFFIC SWINGING DOORS

ITEM	PRICE
TDD FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH PANELS	13
TSD FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH	10
TDD FRAME INSTALLATION HARDWARE TO A BRICK WALL	8
TSD FRAME INSTALLATION HARDWARE TO A BRICK WALL	4
FRAME INSTALLATION HARDWARE FOR STEEL STUD CONSTRUCTION	3
DOOR BLADE MATERIAL: AISI 304, PRICE FOR 1 SQ. M	35
DOOR BLADE MATERIAL: AISI 430, PRICE FOR 1 SQ. M	24
OVERHEAD FRAME AISI 304, PRICE FOR RUNNING METER	19
ANGULAR FRAME AISI 304, PRICE FOR RUNNING METER	33
OVERLAPPING FRAME AISI 304, PRICE FOR RUNNING METER	86
OVERHEAD FRAME AISI 430, PRICE FOR RUNNING METER	11
ANGULAR FRAME AISI 430, PRICE FOR RUNNING METER	19
OVERLAPPING FRAME AISI 430, PRICE FOR RUNNING METER	50
HIDDEN INSTALLATION HARDWARE FOR TSD	47
HIDDEN INSTALLATION HARDWARE FOR TDD	56
HIDDEN INSTALLATION HARDWARE FOR TSD WITH AISI 304 FRAME	65
HIDDEN INSTALLATION HARDWARE FOR TDD WITH AISI 304 FRAME	76
HIDDEN INSTALLATION HARDWARE FOR TSD WITH AISI 430 FRAME	58
HIDDEN INSTALLATION HARDWARE FOR TDD WITH AISI 304 FRAME	68

FACTORY INSTALLED BUMPERS FOR TSD TH

BUMPER MATERIAL	THICKNESS, MM	PRICE FOR SQ. M	PRICE FOR RUNNING METER	
			BOTTOM 0,25 M	BOTTOM 0,5 M
AISI 304	1,5	115	29	58
AISI 430	1,5	77	19	38
ALUMINIUM CHECKER PLATE	1,5	61	15	30
FLAT HDPE PLASTIC	4,0	34	9	17
CURVED HDPE PLASTIC	6,0	50	12	25

FACTORY INSTALLED BUMPERS FOR TDD TH

BUMPER MATERIAL	THICKNESS, MM	PRICE FOR SQ. M	PRICE FOR RUNNING METER	
			BOTTOM 0,25 M	BOTTOM 0,5 M
AISI 304	1,5	121	30	61
AISI 430	1,5	80	20	40
ALUMINIUM CHECKER PLATE	1,5	64	16	32
FLAT HDPE PLASTIC	4,0	35	9	18
CURVED HDPE PLASTIC	4,0	41	10	20
CURVED HDPE PLASTIC	6,0	51	13	25

PACKAGING

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

