

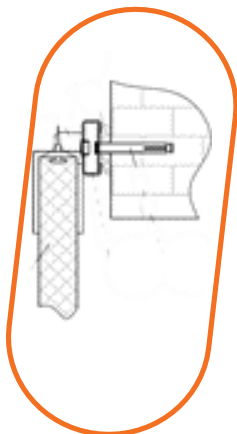
TRAFFIC SWINGING SINGLE LEAF DOORS WITH TORSION HINGES

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

(TSD TH)

08.07.2024

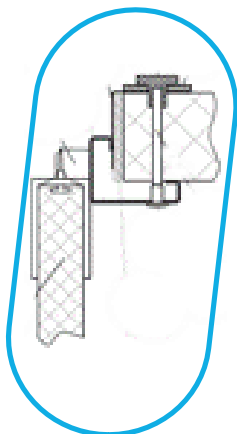
- PH Insulation's traffic swinging doors are designed to separate production and other premises in places with intensive traffic of personnel. The factory-made doors are ready for installation on technological, industrial premises, supermarkets, hospitals, food production facilities, cafes, restaurants, 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
1800	375	383	390	401	408	423	493
1900	379	388	395	407	414	487	500
2000	383	394	401	412	420	493	507
2100	387	399	406	418	482	500	513
2200	391	404	412	424	488	506	520
2300	399	414	422	490	499	518	591
2400	407	423	431	501	510	529	604
2500	478	493	502	516	526	546	622
2600	488	504	514	528	538	619	636
2700	494	512	521	536	546	628	644
2800	500	519	529	544	613	636	653
2900	566	582	593	610	621	645	662
3000	572	590	601	618	629	653	671
3100	579	598	609	627	638	663	681
3200	585	606	617	635	647	671	690
3300	590	612	624	642	654	679	698

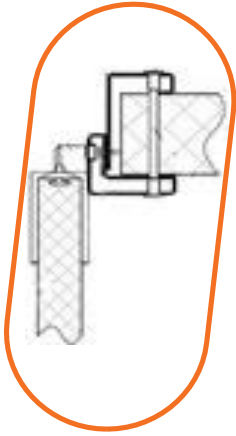
RAL 9003



ANGULAR FRAME

INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM						
	700	800	900	1000	1100	1200	1300
1800	394	404	411	421	428	445	516
1900	399	410	417	427	435	510	523
2000	407	420	428	438	446	522	536
2100	412	426	434	445	510	529	543
2200	417	432	440	451	517	536	551
2300	426	443	451	519	529	549	624
2400	435	453	462	531	541	561	638
2500	503	520	530	542	552	574	651
2600	512	530	540	553	563	645	662
2700	519	538	548	561	572	654	672
2800	526	546	557	570	639	663	682
2900	592	611	622	637	648	673	691
3000	600	620	632	647	659	684	703
3100	607	628	640	655	667	693	712
3200	613	635	647	663	675	701	720
3300	619	643	656	671	684	710	730

RAL 9003



OVERLAPPING FRAME

RAL 9003	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM					
		700	800	900	1000	1100	1200
1800	464	476	486	497	509	526	593
1900	472	485	494	506	519	597	603
2000	484	498	508	521	533	612	619
2100	491	507	517	530	603	622	629
2200	498	516	526	539	612	632	639
2300	511	530	540	613	628	649	718
2400	523	544	555	629	644	665	735
2500	604	623	635	651	666	688	759
2600	616	636	648	664	680	765	773
2700	625	647	660	676	692	778	786
2800	635	658	671	687	765	790	798
2900	707	729	742	760	778	803	811
3000	721	743	757	775	793	819	828
3100	731	754	769	787	806	832	841
3200	736	762	776	795	814	840	849
3300	746	773	788	807	826	853	862

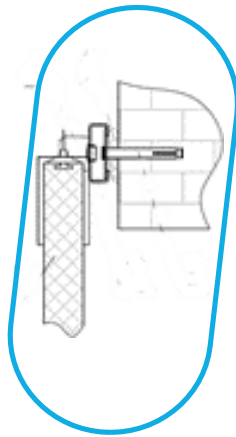
OUR DOORS ARE AVAILABLE IN CUSTOM SIZES TO INSURE BEST COMMERCIAL APPLICATION

TRAFFIC SWINGING DOUBLE LEAF DOORS WITH TORSION HINGES

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

(TDD TH)

08.07.2024



OVERHEAD FRAME

RAL 9003	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM			
		1000	1100	1200	1300
1800	587	590	597	600	657
1900	594	597	604	607	667
2000	600	603	611	614	677
2100	607	610	617	621	687
2200	613	617	624	628	697
2300	626	630	637	641	714
2400	639	642	650	654	731
2500	758	762	770	774	854
2600	774	778	786	790	874
2700				801	888
2800				812	902
2900				936	1029
3000				946	1043
3100				958	1058
3200				969	1072
3300				979	1085

OVERHEAD FRAME

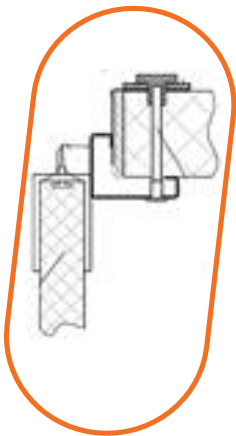
	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1500	1600	1700	1800	1900
RAL 9003	1800	660	663	666	669	672
	1900	670	673	676	680	683
	2000	680	684	687	690	693
	2100	690	694	697	701	704
	2200	701	704	708	711	715
	2300	718	722	725	729	844
	2400	735	739	743	747	864
	2500	858	862	867	871	875
	2600	878	883	887	891	895
	2700	892	897	901	906	910
	2800	907	911	916	920	925
	2900	1033	1038	1043	1048	1052
	3000	1048	1052	1057	1062	1067
	3100	1063	1068	1073	1078	1083
	3200	1077	1082	1087	1092	1097
	3300	1090	1095	1101	1106	1111

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	675	678	681	684	687	801	804
	1900	686	689	692	806	809	812	815
	2000	697	700	703	817	820	824	827
	2100	708	821	825	828	832	835	839
	2200	718	833	836	840	843	847	850
	2300	848	852	856	859	863	979	982
	2400	868	872	876	880	884	1000	1004
	2500	879	883	887	891	895	1012	1016
	2600	900	904	908	1025	1030	1034	1038
	2700	915	919	923	1041	1045	1049	1054
	2800	929	1047	1051	1056	1060	1065	1070
	2900	1057	1062	1066	1071	1076	1081	1085
	3000	1072	1077	1082	1087	1091	1096	1101
	3100	1088	1093	1098	1103	1108	1113	1118
	3200	1103	1108	1113	1118	1123	1128	1134
	3300	1117	1122	1127	1132	1138	1143	1148

ANGULAR FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1000	1100	1200	1300	1400
RAL 9003	1800	603	606	613	617	674
	1900	610	613	621	624	684
	2000	617	621	628	632	695
	2100	624	628	636	639	706
	2200	638	642	650	653	724
	2300	651	656	663	668	742
	2400	665	669	678	682	760
	2500	783	788	796	801	881
	2600	797	802	810	815	899
	2700				827	914
	2800				838	929
	2900				963	1056
	3000				976	1072
	3100				987	1087
	3200				997	1100
3300				1009	1115	



ANGULAR FRAME

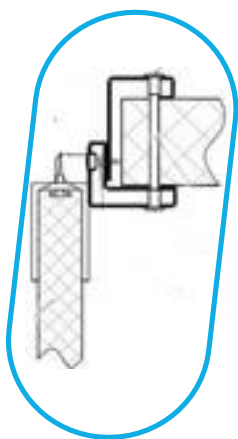
	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1500	1600	1700	1800	1900
RAL 9003	1800	677	680	684	687	690
	1900	688	691	695	698	702
	2000	699	702	706	710	713
	2100	710	713	717	721	724
	2200	728	732	735	739	743
	2300	746	750	754	758	875
	2400	764	769	773	777	895
	2500	886	890	895	899	904
	2600	904	908	913	917	922
	2700	918	923	928	933	938
	2800	933	938	943	948	953
	2900	1061	1066	1071	1076	1081
	3000	1078	1083	1088	1093	1098
	3100	1093	1098	1103	1109	1114
	3200	1106	1111	1117	1122	1128
	3300	1121	1126	1132	1138	1143

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	694	697	700	704	707	821	824
	1900	705	709	712	826	829	833	836
	2000	717	720	724	838	841	845	849
	2100	728	842	846	850	854	857	861
	2200	747	863	866	870	874	878	882
	2300	879	883	887	891	895	1012	1016
	2400	899	904	908	912	917	1035	1039
	2500	908	913	917	921	926	1043	1048
	2600	927	931	936	1053	1058	1062	1067
	2700	942	947	952	1069	1074	1079	1083
	2800	958	1076	1080	1085	1090	1095	1100
	2900	1086	1091	1096	1101	1106	1111	1116
	3000	1104	1109	1114	1119	1124	1130	1135
	3100	1119	1125	1130	1135	1141	1146	1151
	3200	1133	1139	1144	1150	1155	1160	1166
	3300	1149	1154	1160	1166	1171	1177	1182

OVERLAPPING FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1000	1100	1200	1300	1400
RAL 9003	1800	679	683	692	696	757
	1900	690	695	703	708	772
	2000	701	706	715	719	786
	2100	711	716	725	730	800
	2200	724	729	739	744	818
	2300	741	747	756	761	839
	2400	762	767	777	783	865
	2500	872	878	888	894	977
	2600	889	895	905	911	997
	2700				925	1015
	2800				940	1033
	2900				1069	1165
	3000				1087	1187
	3100				1101	1204
	3200				1112	1218
3300				1126	1235	



OVERLAPPING FRAME

	INSTALLATION OPENING, HEIGHT, MM	INSTALLATION OPENING, WIDTH, MM				
		1 500	1 600	1 700	1 800	1 900
RAL 9003	1 800	761	766	770	775	779
	1 900	776	781	786	790	795
	2 000	791	796	801	806	811
	2 100	806	810	815	820	825
	2 200	823	828	833	838	844
	2 300	845	850	855	861	983
	2 400	871	876	882	887	1 011
	2 500	983	988	994	1 000	1 006
	2 600	1 003	1 009	1 015	1 021	1 027
	2 700	1 021	1 027	1 033	1 039	1 045
	2 800	1 039	1 046	1 052	1 058	1 064
	2 900	1 172	1 178	1 184	1 191	1 197
	3 000	1 193	1 200	1 206	1 213	1 219
	3 100	1 211	1 218	1 224	1 231	1 237
	3 200	1 224	1 231	1 238	1 245	1 252
	3 300	1 242	1 249	1 256	1 263	1 270

OVERLAPPING 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	1 800	784	789	793	798	802	921	926
	1 900	800	804	809	928	933	938	942
	2 000	816	820	825	945	950	955	959
	2 100	831	950	955	960	965	970	975
	2 200	849	969	974	980	985	990	995
	2 300	988	993	999	1 004	1 009	1 132	1 137
	2 400	1 017	1 022	1 028	1 034	1 039	1 163	1 169
	2 500	1 012	1 017	1 023	1 029	1 034	1 155	1 160
	2 600	1 033	1 039	1 045	1 165	1 171	1 177	1 183
	2 700	1 051	1 057	1 063	1 184	1 190	1 196	1 202
	2 800	1 070	1 191	1 197	1 203	1 210	1 216	1 222
	2 900	1 204	1 210	1 216	1 222	1 229	1 235	1 242
	3 000	1 226	1 232	1 239	1 245	1 252	1 259	1 265
	3 100	1 244	1 251	1 258	1 264	1 271	1 278	1 284
	3 200	1 258	1 265	1 272	1 279	1 286	1 292	1 299
	3 300	1 277	1 284	1 291	1 297	1 304	1 312	1 318

OUR 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	2 000	40	RAL9003	RAL9003	ANGULAR	RIGHT

ADDITIONAL OPTIONS FOR TRAFFIC SWINGING DOORS

ITEM	PRICE
TDD FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH PANELS	12
TSD FRAME INSTALLATION HARDWARE TO INSULATED SANDWICH	9
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	2
DOOR BLADE MATERIAL: AISI 304, PRICE FOR 1 SQ. M	31
DOOR BLADE MATERIAL: AISI 430, PRICE FOR 1 SQ. M	22
OVERHEAD FRAME AISI 304, PRICE FOR RUNNING METER	17
ANGULAR FRAME AISI 304, PRICE FOR RUNNING METER	30
OVERLAPPING FRAME AISI 304, PRICE FOR RUNNING METER	78
OVERHEAD FRAME AISI 430, PRICE FOR RUNNING METER	10
ANGULAR FRAME AISI 430, PRICE FOR RUNNING METER	17
OVERLAPPING FRAME AISI 430, PRICE FOR RUNNING METER	45
HIDDEN INSTALLATION HARDWARE FOR TSD	43
HIDDEN INSTALLATION HARDWARE FOR TDD	50
HIDDEN INSTALLATION HARDWARE FOR TSD WITH AISI 304 FRAME	59
HIDDEN INSTALLATION HARDWARE FOR TDD WITH AISI 304 FRAME	69
HIDDEN INSTALLATION HARDWARE FOR TSD WITH AISI 430 FRAME	52
HIDDEN INSTALLATION HARDWARE FOR TDD WITH AISI 304 FRAME	62

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	105	26	52
AISI 430	1,5	70	17	35
ALUMINIUM CHECKER PLATE	1,5	55	14	28
FLAT HDPE PLASTIC	4,0	31	8	16
CURVED HDPE PLASTIC	6,0	45	11	23

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	110	28	55
AISI 430	1,5	72	18	36
ALUMINIUM CHECKER PLATE	1,5	58	15	29
FLAT HDPE PLASTIC	4,0	32	8	16
CURVED HDPE PLASTIC	4,0	37	9	18
CURVED HDPE PLASTIC	6,0	46	11	23

PACKAGING

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

