

# Declaration of performance/ Toimivusdeklaratsioon

## Nr DoP-ISG 3370-r01

1. Unique identification code of the product-type:

Product name: Termolux

- 1) Tootetüübi kordumatu identifitseerimiskood:

Toote nimi: Termolux

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Batch number: see packaging of the product

- 2) Tüübi-, partii- või seerianumber või muu element, mis võimaldab ehitustoote identifitseerimist artikli 11 lõike 4 kohaselt):

Seerianumber: vt toote pakendit

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Heat emitters for central heating systems to be supplied with hot water and steam below 120°C from a remote heat source (boiler or similar).

- 3) Tootja poolt ette nähtud ehitustoote kavandatud kasutusotstarve või -otstarbed kooskõlas kohaldatava ühtlustatud tehnilise kirjeldusega:

Kesküttesüsteemide kütteseadmed, mis kasutavad eemalasuvast soojusallikast (boilerist või sarnasest seadmest) saadavat kuuma vett ja auru temperatuuriga alla 120°C.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Ideal Stelrad Group

69-75 Side

Newcastle Upon Tyne

NE1 3JE

United Kingdom

dop@srgl.com

- 4) Artikli 11 lõikes 5 nõutud tootja nimi, registreeritud kaubanimi või registreeritud kaubamärk ja kontaktaadress:

Ideal Stelrad Group

69-75 Side

Newcastle Upon Tyne

NE1 3JE

United Kingdom (Ühendkuningriik)

dop@srgl.com

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5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

5) Vajaduse korral volitatud esindaja nimi ja kontaktaadress, kelle volitused hõlmavad artikli 12 lõikes 2 täpsustatud ülesandeid:

Pole kohaldatav

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

6) V lisa sätetatud ehitustoote toimivuse püsivuse hindamise ja kontrollimise süsteem või süsteemid:

Süsteem 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Institut für GebäudeEnergetik, Universität Stuttgart  
Pfaffenwaldring 35  
70569 Stuttgart, Deutschland  
Identification number: 0626

performed the assessment and evaluation of the product under system 3 by determination of the product-type on the basis of type testing and issued the corresponding test reports.

7) Ühtlustatud standardiga hõlmatud ehitustoote toimivusdeklaratsiooni korral:

Institut für GebäudeEnergetik, Universität Stuttgart  
Pfaffenwaldring 35  
70569 Stuttgart, Deutschland (Saksamaa)  
Teavitatud asutus nr: 0626

teostas toote hindamise süsteemi 3 kohaselt, määraates tüübikatsete alusel tootetüübi ning andis välja vastavad katsetuste aruanded.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
Not applicable

8) Euroopa tehnilise hinnangu saanud ehitustoote toimivusdeklaratsiooni korral:  
Pole kohaldatav

9. Declared performance:

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Characteristic	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure. Max. operating pressure: 1000 kPa	
Surface temperature	Maximum 110 °C	
Resistance to pressure	No failure at 1.69 x maximum operating pressure (kPa)	
Rated thermal outputs	See Annex 1	
Thermal output in different operating conditions ( <i>characteristic curve</i> )	$\Phi = (K_M \times \Delta T^n) \times L/1000$ ( $K_M$ , n and L : see Annex 1)	
Durability as:		
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

Termolux Vertical Style&Planar					
T	H (mm)	L (mm)	Heat output dT50 (W)	n	$K_M$
22	1600	300	931	1,2677	6,5338
21	1800	400	990	1,2753	6,7443
21	2000	400	1070	1,2702	7,4362
22	1600	400	1186	1,268	8,3136
21	2000	450	1187	1,2716	8,2043
21	2000	450	1187	1,2716	8,2043
21	1800	600	1415	1,275	9,6509
21	1800	600	1415	1,275	9,6509
22	2000	600	1935	1,3206	11,0413
22	2000	700	2285	1,2868	14,8817
21	2000	900	2184	1,2843	14,3637
22	1200	600	1422	1,3000	8,7951
22	2400	900	3283	1,3000	20,3053

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Termolux Planar & Style						
T	H (mm)	L (mm)	Heat output dT50 (W)	Heat output dT30 (W)	n	K <sub>M</sub>
22	200	1000	645	331	1,3047	3,9166
33	200	1000	894	464	1,2820	5,9328
11	300	1000	468	244	1,2725	3,2233
21	300	1000	725	379	1,2703	5,0366
22	300	1000	919	473	1,3008	5,6662
33	300	1000	1288	670	1,2788	8,6551
11	400	1000	598	312	1,2729	4,1123
21	400	1000	892	464	1,2801	5,9637
22	400	1000	1166	597	1,3120	6,8810
33	400	1000	1655	854	1,2962	10,3895
11	450	1000	662	345	1,2731	4,5488
21	450	1000	975	506	1,2858	6,3748
22	450	1000	1281	653	1,3176	7,3958
33	450	1000	1828	939	1,3050	11,0872
11	500	1000	725	378	1,2733	4,9778
21	500	1000	1057	547	1,2898	6,8037
22	500	1000	1390	707	1,3232	7,8512
33	500	1000	1996	1020	1,3137	11,7010
11	550	1000	788	411	1,2735	5,4061
21	550	1000	1139	588	1,2947	7,1923
22	550	1000	1494	758	1,3288	8,2558
33	550	1000	2159	1099	1,3224	12,2330
11	600	1000	850	443	1,2737	5,8269
21	600	1000	1221	629	1,2996	7,5637
22	600	1000	1592	805	1,3344	8,6067
33	600	1000	2315	1173	1,3311	12,6780
11	700	1000	974	508	1,2741	6,6666
21	700	1000	1388	712	1,3066	8,3659
22	700	1000	1774	897	1,3339	9,6094
33	700	1000	2613	1325	1,3295	14,3999
11	900	1000	1221	637	1,2749	8,3310
21	900	1000	1731	882	1,3206	9,8773
22	900	1000	2084	1055	1,3329	11,3329
33	900	1000	3148	1599	1,3263	17,5667

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Termolux Compact&Ventil						
T	H (mm)	L (mm)	Heat output dT50 (W)	Heat output dT30 (W)	n	K <sub>M</sub>
11	200	1000	358	185	1,2913	2,2909
21	200	1000	540	278	1,2975	3,3727
22	200	1000	685	353	1,2974	4,2800
33	200	1000	970	503	1,2845	6,3745
44	200	1000	1327	675	1,3223	7,5218
10	300	1000	334	171	1,3095	1,9904
11	300	1000	536	278	1,2848	3,5183
20	300	1000	620	321	1,2900	3,9877
21	300	1000	766	394	1,3012	4,7155
22	300	1000	983	503	1,3128	5,7829
33	300	1000	1398	719	1,3029	8,5491
10	400	1000	421	215	1,3131	2,4738
11	400	1000	705	365	1,2883	4,5646
20	400	1000	769	397	1,2957	4,8369
21	400	1000	977	501	1,3074	5,8703
22	400	1000	1259	640	1,3237	7,0974
33	400	1000	1791	917	1,3099	10,6565
10	450	1000	421	215	1,3131	2,4738
11	450	1000	786	407	1,2901	5,0534
21	450	1000	1077	551	1,3137	6,3136
22	450	1000	1388	704	1,3292	7,6581
33	450	1000	1976	1010	1,3134	11,5974
10	500	1000	505	258	1,3167	2,9259
11	500	1000	864	447	1,2919	5,5159
20	500	1000	913	470	1,3015	5,6139
21	500	1000	1175	601	1,3137	6,8881
22	500	1000	1513	765	1,3347	8,1700
30	500	1000	1223	628	1,3058	7,3945
33	500	1000	2153	1099	1,3168	12,4692
11	550	1000	940	485	1,2936	5,9613
21	550	1000	1269	648	1,3168	7,3495
22	550	1000	1632	823	1,3401	8,6284
33	550	1000	2322	1183	1,3203	13,2651
10	600	1000	587	299	1,3203	3,3534
11	600	1000	1014	523	1,2954	6,3855
20	600	1000	1054	541	1,3072	6,3379
21	600	1000	1362	694	1,3199	7,7930
22	600	1000	1747	879	1,3456	9,0398
30	600	1000	1420	728	1,3084	8,4988
33	600	1000	2484	1263	1,3238	13,9976
11	700	1000	1153	595	1,2963	7,2353
21	700	1000	1539	782	1,3256	8,6116
22	700	1000	1963	987	1,3455	10,1615
33	700	1000	2788	1415	1,3282	15,4426
10	900	1000	828	420	1,3308	4,5398
11	900	1000	1402	722	1,2981	8,7360
20	900	1000	1475	750	1,3230	10,2496
21	900	1000	1868	944	1,3369	10,0005
22	900	1000	2343	1179	1,3452	12,1428
30	900	1000	2000	1028	1,3036	12,1970
33	900	1000	3316	1675	1,3370	17,7456

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9. Deklareeritud toimivus:

Põhiomadused	Toimivus	Ühtlustatud tehniline kirjeldus
Tulekäitumine	A1	EN 442-1:2014
Ohtlike ainete eraldumine	Puudub	
Hermeetilisus rõhu all	Pole lekkeid 1,3 x maksimum töö rõhust. Maksimum töö rõhk: 1000 kPa	
Pinnatemperatuur	Maksimum 110 °C	
Vastupidavus rõhule	Pidas vastu 1,69 x maksimum töö rõhust. Maksimum töö rõhk: 1000 kPa	
Nimi-soojendusvõimsus	Vaata andmed tabelites	
Soojendusvõimsus erinevatel töötingimustel ( <i>iseloostav kõver</i> )	$\Phi = (K_M \times \Delta T^n) \times L/1000$ $K_M$ , n and L: see Annex 1	
Korrosioonikindlus	Korrosiooni ei tekkinud peale 100h niiskust	
Vastupidavus vähesele mõjule	Class 0	

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22	1600	300	931	1,2677	6,5338
21	1800	400	990	1,2753	6,7443
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10	500	1000	505	258	1,3167	2,9259
11	500	1000	864	447	1,2919	5,5159
20	500	1000	913	470	1,3015	5,6139
21	500	1000	1175	601	1,3137	6,8881
22	500	1000	1513	765	1,3347	8,1700
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33	500	1000	2153	1099	1,3168	12,4692
11	550	1000	940	485	1,2936	5,9613
21	550	1000	1269	648	1,3168	7,3495
22	550	1000	1632	823	1,3401	8,6284
33	550	1000	2322	1183	1,3203	13,2651
10	600	1000	587	299	1,3203	3,3534
11	600	1000	1014	523	1,2954	6,3855
20	600	1000	1054	541	1,3072	6,3379
21	600	1000	1362	694	1,3199	7,7930
22	600	1000	1747	879	1,3456	9,0398
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33	600	1000	2484	1263	1,3238	13,9976
11	700	1000	1153	595	1,2963	7,2353
21	700	1000	1539	782	1,3256	8,6116
22	700	1000	1963	987	1,3455	10,1615
33	700	1000	2788	1415	1,3282	15,4426
10	900	1000	828	420	1,3308	4,5398
11	900	1000	1402	722	1,2981	8,7360
20	900	1000	1475	750	1,3230	10,2496
21	900	1000	1868	944	1,3369	10,0005
22	900	1000	2343	1179	1,3452	12,1428
30	900	1000	2000	1028	1,3036	12,1970
33	900	1000	3316	1675	1,3370	17,7456



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10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
- 10) Punktides 1 ja 2 kindlaksmääratud toote toimivus on kooskõlas punktis 9 osutatud deklareeritud toimivusega.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

ALİ ORALOĞLU  
(name and function)

ISTANBUL TURKEY 03.07.2017

ALİ ORALOĞLU  
(name and function)

*Commercielle DIRECTOR*

ISTANBUL TURKEY 03.07.2017

(place and date of issue)

(place and date of issue)

  
*[Handwritten signature]*  
(signature)

Käesolev toimivusdeklaratsioon on välja antud punktis 4 kindlaksmääratud tootja ainuvastutusel.

Tootja poolt ja nimel allkirjastanud:

ALİ ORALOĞLU  
(nimi, ametinimetus)

ISTANBUL TÜRKİ 03.07.2017  
(väljaandmise koht ja kuupäev)

.....  
(allkiri)