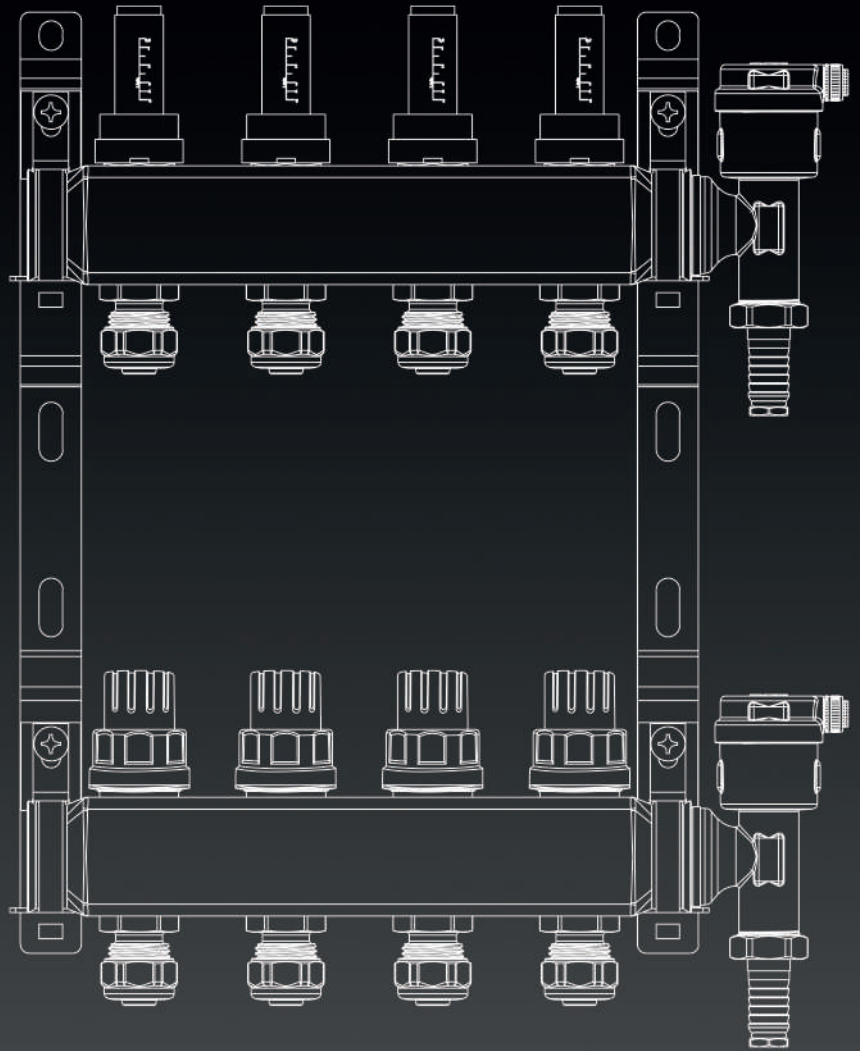


KAS[®]

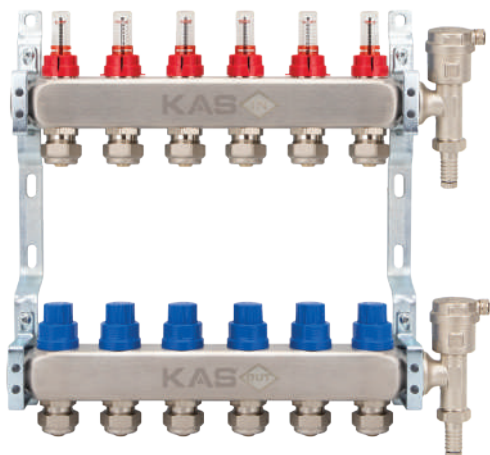


**Manifold &
Underfloor
Heating**

A family consisting of a man, a woman, and a young child are sitting on a wooden floor, looking out of a large floor-to-ceiling window. The window reveals a serene winter scene with snow-covered trees and a white fence. Inside the room, a grey sofa is visible on the left, and a small table with a lamp is on the right. The floor is covered with a blue mat featuring a grid of red lines, which represents the underfloor heating system. The text 'Manifold & Underfloor Heating' is overlaid in the center, with a white triangle pointing to the right.

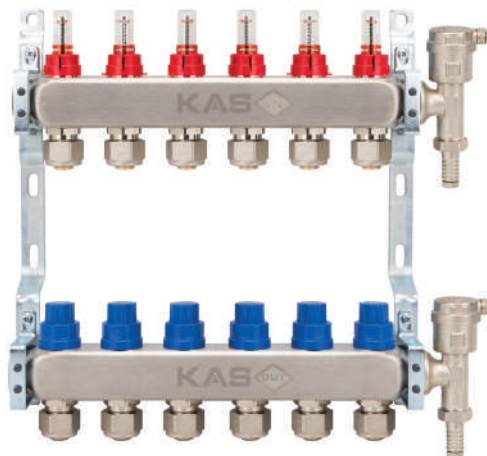
Manifold & Underfloor *Heating* ▶

KAS



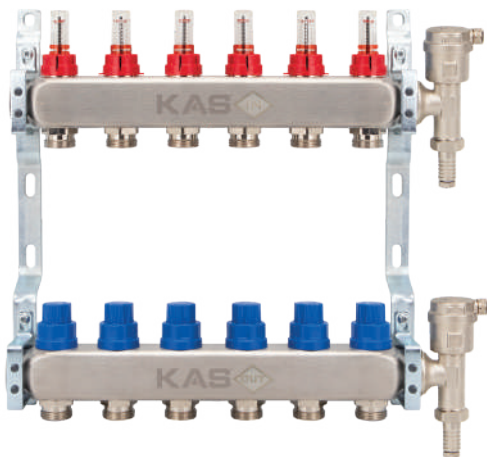
16x2 Eurocone Connection Stainless Steel Manifold Set with Flow Meter

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.81.902	2	1	2,063
18.81.903	3	1	2,563
18.81.904	4	1	3,063
18.81.905	5	1	3,573
18.81.906	6	1	4,075
18.81.907	7	1	4,574
18.81.908	8	1	5,074
18.81.909	9	1	5,575
18.81.910	10	1	6,076
18.81.911	11	1	6,575
18.81.912	12	1	7,075



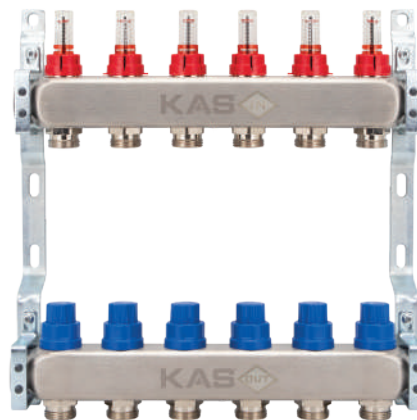
20x2 Eurocone Connection Stainless Steel Manifold Set with Flow Meter

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.83.902	2	1	2,155
18.83.903	3	1	2,703
18.83.904	4	1	3,252
18.83.905	5	1	3,800
18.83.906	6	1	4,347
18.83.907	7	1	4,895
18.83.908	8	1	5,442
18.83.909	9	1	5,991
18.83.910	10	1	6,538
18.83.911	11	1	7,087
18.83.912	12	1	7,635



3/4 Eurocone Connection Stainless Steel Manifold Set with Flow Meter and Automatic Air Vent

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.84.902	2	1	1,844
18.84.903	3	1	2,231
18.84.904	4	1	2,618
18.84.905	5	1	3,005
18.84.906	6	1	3,392
18.84.907	7	1	3,779
18.84.908	8	1	4,166
18.84.909	9	1	4,463
18.84.910	10	1	4,940
18.84.911	11	1	5,327
18.84.912	12	1	5,714



3/4 Eurocone Connection Stainless Steel Manifold Set with Flow Meter

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.85.902	2	1	1,844
18.85.903	3	1	2,231
18.85.904	4	1	2,618
18.85.905	5	1	3,005
18.85.906	6	1	3,392
18.85.907	7	1	3,779
18.85.908	8	1	4,166
18.85.909	9	1	4,463
18.85.910	10	1	4,940
18.85.911	11	1	5,327
18.85.912	12	1	5,714



16x2 Eurocone Connection Set

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.09.520	16x2	150	0,055



20x2 Eurocone Connection Set

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.09.522	20x2	125	0,079



**Stainless Steel Manifold Set
with Flow Meter - Automatic Air Vent**

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.22.902	2	1	1,910
18.22.903	3	1	2,370
18.22.904	4	1	2,820
18.22.905	5	1	3,230
18.22.906	6	1	3,690
18.22.907	7	1	4,170
18.22.908	8	1	4,570
18.22.909	9	1	4,990
18.22.910	10	1	5,470
18.22.911	11	1	5,930
18.22.912	12	1	6,330



**Stainless Steel Manifold Set
with Flow Meter**

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.24.902	2	1	1,370
18.24.903	3	1	1,830
18.24.904	4	1	2,280
18.24.905	5	1	2,690
18.24.906	6	1	3,150
18.24.907	7	1	3,630
18.24.908	8	1	4,030
18.24.909	9	1	4,450
18.24.910	10	1	4,930
18.24.911	11	1	5,390
18.24.912	12	1	5,790



Brass Manifold Set with Flow Meter

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.25.902	2	1	2,500
18.25.903	3	1	2,970
18.25.904	4	1	3,420
18.25.905	5	1	3,830
18.25.906	6	1	4,400
18.25.907	7	1	4,770
18.25.908	8	1	5,170
18.25.909	9	1	5,600
18.25.910	10	1	6,070
18.25.911	11	1	6,530
18.25.912	12	1	6,930


Brass 1" Flow Meter Controlled Manifold (16X2)

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.15.502	2	21	0,579
18.15.503	3	14	0,870
18.15.504	4	14	1,146
18.15.505	5	14	1,443
18.15.506	6	7	1,740
18.15.507	7	7	2,016
18.15.508	8	7	2,313
18.15.509	9	7	2,410
18.15.510	10	7	2,836
18.15.511	11	7	3,183
18.15.512	12	7	3,480
18.15.513	13	7	3,756


Brass 1" Thermostatic Manifold (16X2)

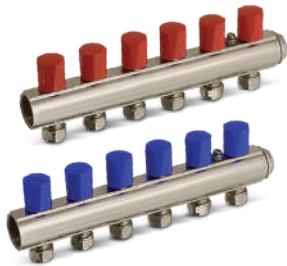
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.16.502	2	30	0,655
18.16.503	3	20	0,971
18.16.504	4	20	1,262
18.16.505	5	20	1,578
18.16.506	6	10	1,894
18.16.507	7	10	2,185
18.16.508	8	10	2,501
18.16.509	9	10	2,817
18.16.510	10	10	3,108
18.16.511	11	10	3,424
18.16.512	12	10	3,740
18.16.513	13	10	4,001


Stainless Steel Mini Valve 3/8" Manifold 1"

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.19.882	2	30	0,485
18.19.883	3	20	0,705
18.19.884	4	20	0,940
18.19.885	5	20	1,150
18.19.886	6	10	1,360
18.19.887	7	10	1,580
18.19.888	8	10	1,860
18.19.889	9	10	2,030
18.19.890	10	10	2,260
18.19.891	11	10	2,430
18.19.892	12	10	2,600
18.19.893	13	10	2,880


Brass 1" Manifold Profile

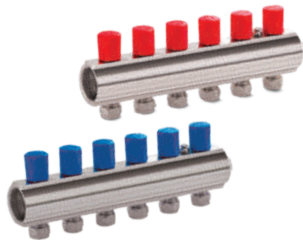
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.02.352	2	20	0,373
18.02.353	3	20	0,531
18.02.354	4	20	0,710
18.02.355	5	20	0,890
18.02.356	6	10	1,035
18.02.357	7	10	1,248
18.02.358	8	10	1,425
18.02.359	9	10	1,560
18.02.360	10	10	1,725
18.02.361	11	10	1,903
18.02.362	12	10	2,139
18.02.363	13	10	2,443


Brass 1" Manifold Completed Type

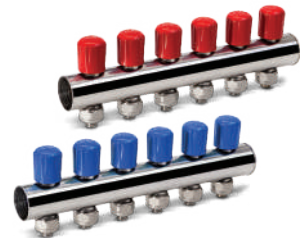
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.01.482	2	30	0,492
18.01.483	3	20	0,713
18.01.484	4	20	0,924
18.01.485	5	20	1,142
18.01.486	6	10	1,372
18.01.487	7	10	1,583
18.01.488	8	10	1,793
18.01.489	9	10	2,011
18.01.490	10	10	2,248
18.01.491	11	10	2,493
18.01.492	12	10	2,687
18.01.493	13	10	3,000


Brass 1 " Completed Type Manifold - (Eco)

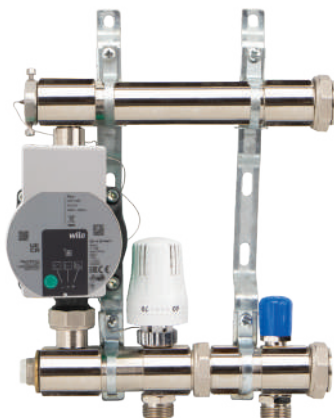
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.01.582	2	30	0,469
18.01.583	3	20	0,713
18.01.584	4	20	0,854
18.01.585	5	20	1,042
18.01.586	6	10	1,239
18.01.587	7	10	1,423
18.01.588	8	10	1,619
18.01.589	9	10	1,796
18.01.590	10	10	1,991
18.01.591	11	10	2,165
18.01.592	12	10	2,757
18.01.593	13	10	3,000


Brass 1 1/4" Manifold Completed Type

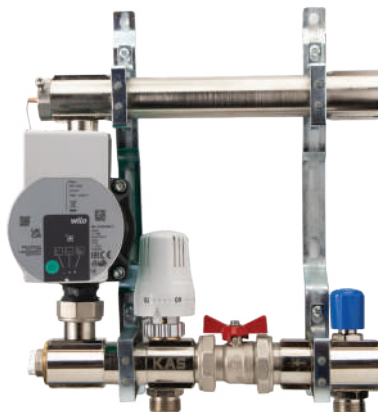
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.03.702	2	16	0,750
18.03.703	3	16	1,128
18.03.704	4	16	1,469
18.03.705	5	16	1,804
18.03.706	6	8	1,926
18.03.707	7	8	2,462
18.03.708	8	8	2,514
18.03.709	9	8	2,851
18.03.710	10	8	3,136
18.03.711	11	8	3,805
18.03.712	12	8	4,145
18.03.713	13	8	4,479


1" Stainless Steel Manifold (PN10)

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.21.782	2	30	0,395
18.21.783	3	20	0,550
18.21.784	4	20	0,720
18.21.785	5	20	0,880
18.21.786	6	10	1,040
18.21.787	7	10	1,174
18.21.788	8	10	1,332
18.21.789	9	10	1,536
18.21.790	10	10	1,675


Compact Mixing Circuit

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.01.001	*	1	2,900


Compact Mixing Circuit - Type 2

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.01.002	Type 2	1	*


Compact Mixing Circuit with Bypass

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.01.003	*	1	*



20.07.101



20.07.102

Circulation Pump

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.101	Para 15-130/6-43/SC-12/G1	1	1,900
20.07.102	Para 25-180/6-43/SC-12/G1 ½	1	?



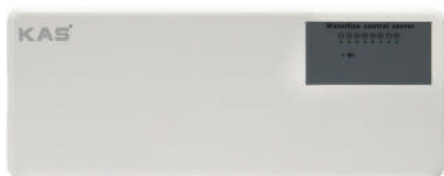
Digital Room Thermostat

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
Keypad			
20.07.306	*	36	*
Touch Key			
20.07.307	*	36	*



Digital - Analogue Room Thermostat

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
Analogue			
20.07.304	*	36	*
Digital			
20.07.305	*	36	*



Base Station - Wireless Base Station

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.008	*	5	*



Actuator (2W)

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.204	*	50	*



Wireless Room Thermostat

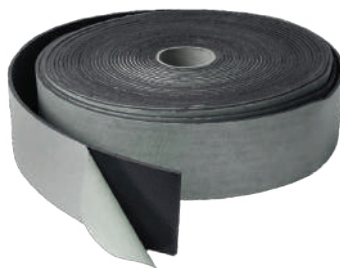
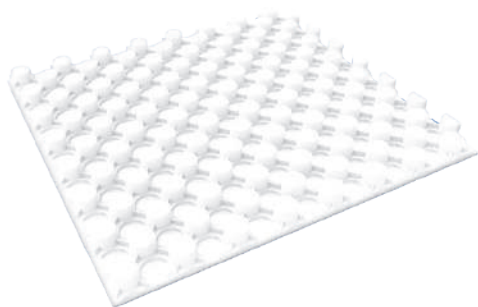
PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.308	*	36	*



Base Station - Wireless Base Station

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.009	*	5	*

*20.07.009 is compatible with 20.07.308 Wireless Room Thermostat.



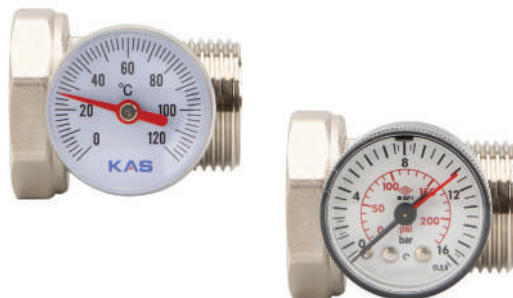
Underfloor Heating Insulation Panel

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.08.010	72x72 cm	10	0,500
20.08.011	60x120 cm	10	*
20.08.019	Edge Insulation Tap 20m, 5mmx100mm	1	0,152
20.08.020	Edge Insulation Tap 25m, 3mmx100mm	1	*



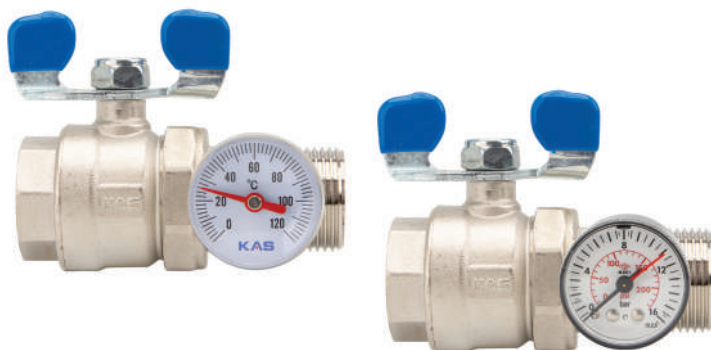
U Clip Pipe Fixing Gun

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.08.003	*	1	*



Thermometer & Manometer Manifold Union

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.06.005	1" Thermometer	30	0,225
20.06.006	1" Manometer	30	0,265



Ball Valve With Thermometer & Manometer

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
08.15.327	1" Thermometer	20	0,550
08.16.327	1" Manometer	20	0,570



Double Sided Connection Valve

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.06.001	1"	50	0,235



Combined Air Separator

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
80.60.710	1"	6	0,992



2 Way Motorized Ball Valve

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.05.002	1"	10	0,900



2 Way Valve - 3 Way Valve

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.06.002	1"	30	0,410
20.06.003	1"	30	0,6800


Manifold By-pass

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
14.01.878	16x2	40	0,286


Manifold By-pass / H-Ventil

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.05.881	H-Ventil	40	0,335


Air Vent

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
80.57.507	1/2"	76	0,134


1" Drain Cock For Manifold

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.09.350	Manuel	75	0,180
18.09.351	Auto	50	0,256



Manifold Box

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
70.01.491	60x70	1	*
70.01.492	80x70	1	*
70.01.493	100x70	1	*
70.01.494	120x70	1	*



Manifold Clamp

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
18.20.502	1"	40	0,224
18.20.503	1 1/4"	40	0,282
18.20.504	1"	40	0,215



Pipe Connection Fittings

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.06.004	16x2	20	0,042



Heat Sensor Cable

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
20.07.401	2500± 20 mm	1	-


**Mini Brass Ball Valve With
Hose Conn. Socket + Blind Plug**

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
05.04.322	Pex/ PE-Rt M 1/2"	100	0,129


**Mini Brass Ball Valve For
Pipe Connection**

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
05.01.312	Pex/ Pe-Rt F 1/2" 16x2	180	0,125
05.01.313	Pex/ Pe-Rt F 1/2" 17x2	150	0,135


**Mini Brass Ball Valve For
Pipe Connection**

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
05.02.312	Pex/ Pe-Rt M 1/2" 16 x 2	150	0,146
05.02.313	Pex/ Pe-Rt M 1/2" 17 x 2	150	0,156
05.02.311	Pex/ Pe-Rt M 1/2" 16 x 2	150	0,156
05.04.313	Pex/ Pe-Rt M 1/2" 20 x 2	120	0,166


Mini Brass Ball Valve

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
05.03.321	3/8"	250	0,062
05.03.322	1/2"	200	0,097
05.03.323	3/4"	120	0,143



Under Floor Union For Pipe Connection

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.01.314	16x2	250	0,054



Under Floor Union For Pipe Connection

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.01.317	17x2	250	0,080
06.01.318	16x2	250	0,054



Hose Connection Coupling

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.03.320	16x2	250	0,079



Under Floor Union For Pipe Connection

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.02.315	16x2	250	0,062
06.02.316	17x2	250	0,085



Hose Connection Coupling

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.03.319	16x2	250	0,084



Under Floor Heating Hose Blind Plug

PRODUCT CODE	SIZE	PCS/BOX	Pcs/Net Kgs
06.04.480	16x2	250	0,079

Underfloor Heating Systems

What is Underfloor Heating?

Underfloor heating is a heating system that provides climate control in residences by using conduction and convection currents. It is quite advantageous in terms of thermal comfort, ergonomics, energy efficiency and safety.

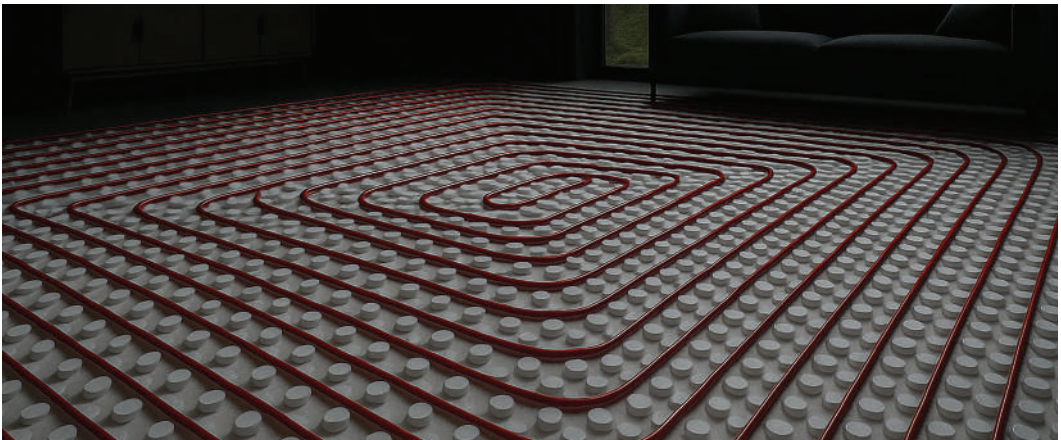
It can be applied in any location and climate if the right engineering planning is carried out. Heating is provided by warm water between 30°C - 50°C. Heat distribution is homogeneous and unlike other heating systems, there is no heat accumulation on the ceiling. It can be used in residences, schools, hospitals, mosques, mass residences, Turkish baths, swimming pools, greenhouses, airports, roads and all similar places.

How do we do it ?

Different temperature values are recommended according to TS 2164 for comfort and health purposes in every living space. In order to increase the efficiency in heating systems, it is necessary to use quality materials, to have good insulation, and to execute room-based floor heating calculations professionally.

As a result of the professional R&D studies of KAS Company, KAS Therm Brand has been created for underfloor heating systems.

KAS Therm Team closely follows the constantly developing heating system techniques and technologies, and carries out studies for quality materials, quality infrastructure and highly efficient air conditioning.





Pipe Sealant

PRODUCT CODE	PCS/BOX	Pcs/Net ML
74.01.711	120	50

General information

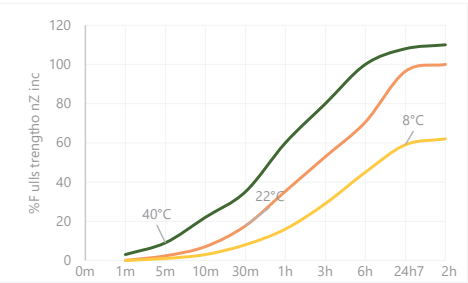
PS 43 anaerobic adhesive and sealants are advanced materials with single component and solvent free feature. The products are specifically formulated for sealing, retaining, locking and bonding of metal or metal plated assemblies. Anaerobic adhesives are stable when in contact with oxygen in air. As the product is placed between two mating metallic surfaces, where oxygen contact is vanished, polymerization starts and forms strong, vibration and pressure proof polymer layer.

Product description

PS 43 Pipe Sealant 5543 is a medium viscosity and medium strength anaerobic pipe sealant. Thixotropic formulation reduces run-off and migration of the product before assembly. It can be easily applied to threaded joints and removed easily with hand tools. With its specialized formulation, Pipe Sealant 5543 can be used applications where high pressure proof or oil resistance is required. The product resists very high pressures, after full curing.

Curing speed at different temperatures

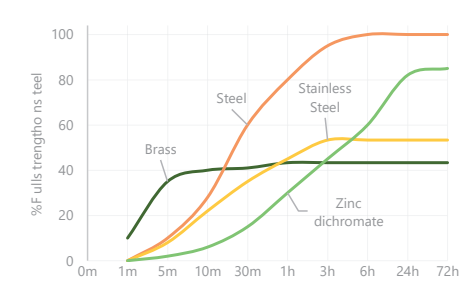
Temperature of medium has great impact on curing performance of anaerobic adhesive. The curing rate developed in time is determined by measuring breakaway torque of bolt and nut specimens. Test details and resultant graphs are given below.



Test method	:	ISO 10964
Bolt and nut specs.	:	M10x25
Conditions	:	22°C

Curing speed with different substrates

The curing rate of anaerobic adhesive greatly depends on type of surface material, substrate. The curing rate developed in time is determined by measuring breakaway torque of bolt and nut specimens. Test details and resultant graphs are given below.





REPUBLIC OF TURKEY
MINISTRY OF ENVIRONMENT,
URBANIZATION AND CLIMATE CHANGE



EVERY CONNECTION IS OUR PROMISE TO A SUSTAINABLE FUTURE



ZERO WASTE CERTIFICATE

The Zero Waste Regulation, published and enforced through the Official Gazette numbered 30829 on July 12, 2019, has granted the right to obtain the Zero Waste Certificate by establishing the Zero Waste Management System.

KAS®



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