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INSTALLER REWARDS!

SCHIEDEL

Prima Smooth

Single Wall Stainless Steel Connecting Flue
Pipe and Chimney Liner for Wood and
Multi-fuel Appliances



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Product Description

Prima Smooth is the new high quality 316L grade stainless steel single wall flue system available with two wall thickness options of 0.6mm and 1mm. There are two possible applications:

1. Connecting Flue Pipe

Prima Smooth has been tested and approved for use as connecting flue pipe between an appliance and a system chimney.

2. Chimney Liner

Prima Smooth has been tested and approved for use as an alternative to a flexible stainless steel liner for re-lining an existing chimney.

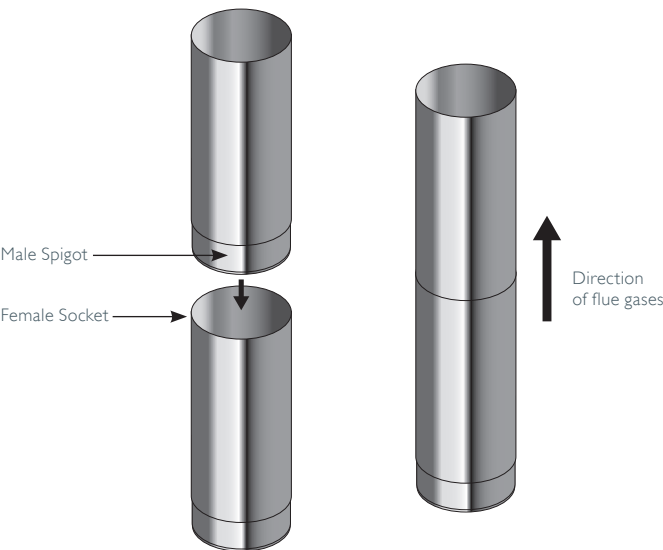
Prima Smooth is a lightweight precision engineered product, designed for use on atmospheric wood burning and multi-fuel appliances with continuous operating temperatures of up to 600°C. The joints in the pipe are designed to give a smooth visual appearance and Prima Smooth is available in two surface finishes:

- Matt 316L grade stainless steel.
- Matt black painted 316L grade stainless steel using a special high temperature resistant paint.

Joint Detail

PRODUCT FEATURES

- 316L Grade Stainless Steel
- Corrosion tested
- Lightweight
- Precision engineered jointing system
- Available in matt black or steel finish
- Can be painted
- Range Ø125, 150, 180, 200



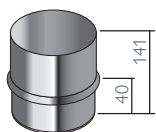
Approvals

High Temperature Applications	High Temperature Applications
Connecting Flue Pipe EN1856-2 TÜV 0036 CPR 9195 029 T600 N1 W V2 L50060 GXX NM T600 N1 W V2 L50100 GXX NM (XX = 3 x Ø Int. of Pipe)	Chimney Liner EN1856-2 TÜV 0036 CPR 9195 033 T600 N1 D V2 L50060 G T600 N1 D V2 L50100 G

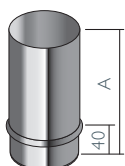


The Prima Smooth range is manufactured under the strict requirements of BS EN ISO 9001 Quality management scheme. Prima Smooth has corrosion certification from TÜV. Prima Smooth is listed by HETAS as a product suitable for solid fuel.

Starting Components



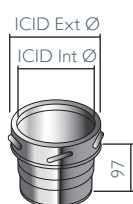
Appliance Connector							0.6mm PS013 1mm PS113
SAP Code Painted	0.6mm	125359	125363	126253	126257	119939	119937
	1mm	125360	125364	126254	126258	119931	119929
SAP Code Unpainted	0.6mm	125361	125365	126255	126259	119940	119938
	1mm	125366	125366	126256	126260	119932	119930
Int Ømm Prima Smooth		125	125	150	150	180	200
Appliance Spigot mm		126	128	148	153	178	198



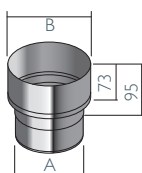
Swaged Starter Pipes						
SAP Codes						
Painted A 1000	1mm	133984	133987	133993	133996	
Unpainted A 1000	1mm	133956	133959	133965	133968	
Painted A 500	1mm	133985	133988	133994	133997	
Unpainted A 500	1mm	133957	133960	133966	133969	
Painted A 250	1mm	133986	133989	133995	133998	
Unpainted A 250	1mm	133958	133961	133967	133970	
Int Ømm Prima Smooth		125	150	180	200	
Appliance Spigot mm		123	148	178	198	



Adaptor to TecnoFlex Plus							0.6mm PS0E3
SAP Code Painted	0.6mm	110180	COA	110413	120027	119946	
SAP Code Unpainted	0.6mm	110176	119949	110411	120028	19947	
Int Ømm Prima Smooth		125/125	125/155	150/155	180/180	200/200	
Int Ømm Prima Smooth		125	125	150	180	1200	
Int Ømm TecnoFlex Plus		125	155	155	200		

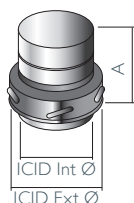


Adaptor to ICID Plus							0.6mm PS027
SAP Code Painted	0.6mm	109991	110268	126980	127587		
SAP Code Unpainted	0.6mm	109992	110270	126981	127588		
Int Ømm Prima Smooth		125	150	180	200		
Int Ømm ICID		125	150	180	200		
Ext Ømm ICID		180	200	238	256		



Increaser							0.6mm PS091 1mm PS191
SAP Code Painted	0.6mm	119928	110195	126292	126982		
	1mm	124895	110735	126277	126966		
SAP Code Unpainted	0.6mm	110068	110205	126293	126983		
	1mm	110066	110211	126294	126984		
Increaser type		100/125	120/150	150/180	180/200		
Int A Ømm from		100	125	150	180		
to Int B Ømm		125	150	180	200		

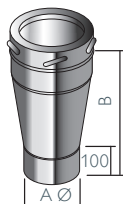
Starting Components



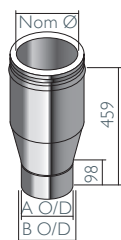
Adaptor from ICID					
SAP Code Unpainted	0.6mm	145516	145517	145518	145519
Int Ømm Prima Smooth		125	150	180	200
Int Ømm ICID		125	150	180	200
Ext Ømm ICID		180	200	238	256
A		135	135	137	137



Adaptor to ICS25					0.6mm PS068
SAP Code Unpainted	0.6mm	125388	126291	134132	144449
Int Ømm Prima Smooth		125	150	180	200
Int Ømm ICID		125	150	180	200
Ext Ømm ICID		180	200	230	250

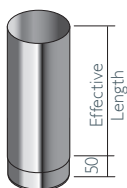


SW-DW Adjustable Starter Section to ICID.					DN8A159 DN8A161
* Increasing SW-DW Adjustable Starter Section					
SAP Code Painted	0.6mm	125339	131148	126117	126849
SAP Code Unpainted	0.6mm	125340	126096	126118	126850
Int Ømm ICID		125	125*	150	180
Ext Ømm ICID		180	200	200	235
A		123	123	148	178
B		352	434	352	3552
This component MUST only be fitted to stove pipe and NOT directly to appliance.					

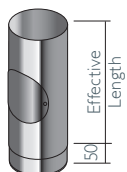


SW-DW Adjustable Starter Section to ICS25.					
* Increasing SW-DW Adjustable Starter Section					
SAP Code Painted	0.6mm	133832	143703	133833	133834
SAP Code Unpainted	0.6mm	133653	143702	133654	133655
Int Ømm ICS		130	130*	150	180
Ext Ømm ICS		180	200	200	230
A O/D		122.7	122.7	147.6	176.5
B O/D		130	130	154.5	183.5
This component MUST only be fitted to stove pipe and NOT directly to appliance.					

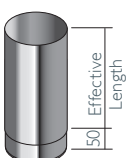
Pipes



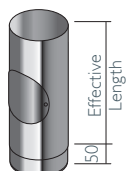
Standard Pipe Effective Length 950mm					0.6mm PS001 1mm PS101
SAP Code Painted	0.6mm	122583	114554	119860	119858
	1mm	122584	119954	119957	119955
SAP Code Unpainted	0.6mm	113272	114550	119861	119859
	1mm	115948	116338	119958	119956
Int Ømm		125	150	180	200



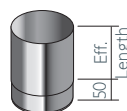
Inspection Pipe Effective Length 950mm					0.6mm PS011 1mm PS111
SAP Code Painted	0.6mm	114177	114707	119864	119862
	1mm	115979	116477	119961	119959
SAP Code Unpainted	0.6mm	114179	114709	119865	119863
	1mm	113482	114708	119962	119960
Int Ømm		125	150	180	200



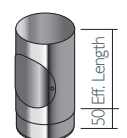
Standard Pipe Effective Length 450mm					0.6mm PS002 1mm PS102
SAP Code Painted	0.6mm	122585	111973	119868	119866
	1mm	125375	120601	119965	119963
SAP Code Unpainted	0.6mm	111487	111972	119869	119867
	1mm	112994	113393	119966	119964
Int Ømm		125	150	180	200



Inspection Pipe Effective Length 450mm					0.6mm PS012 1mm PS112
SAP Code Painted	0.6mm	112081	112155	119872	119870
	1mm	114182	114252	119969	119967
SAP Code Unpainted	0.6mm	112083	112150	119873	119871
	1mm	111608	112115	119970	119968
Int Ømm		125	150	180	200



Standard Pipe Effective Length 200mm					0.6mm PS003 1mm PS103
SAP Code Painted	0.6mm	122586	110716	119880	119878
	1mm	125374	120602	119977	119975
SAP Code Unpainted	0.6mm	110485	110723	119881	119879
	1mm	111302	111543	119978	119976
Int Ømm		125	150	180	200



Inspection Pipe Effective Length 250mm					0.6mm PS004 1mm PS104
SAP Code Painted	0.6mm	122587	111169	119876	119874
	1mm	122588	119985	119973	119971
SAP Code Unpainted	0.6mm	110885	111165	119877	119875
	1mm	110850	110850	119974	119972
Int Ømm		125	150	180	200

Pipes



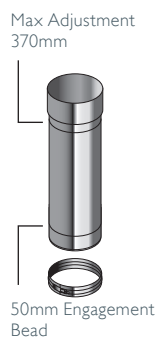
Cover Band					0.6mm PS029
SAP Code Painted	0.6mm	125386	126289	126978	127585
SAP Code Unpainted	0.6mm	125387	126290	126979	127586
Int Ømm		125	150	180	200
This component is used to provide a more aesthetic finish to the joint if pipe lengths are cut down on site.					



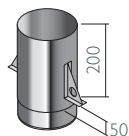
Locking Band					0.6mm PS030
SAP Codes Unpainted	0.6mm	125390	126296	126985	127589
Int Ømm		125	150	180	200
This component is used to provide extra support where there is an offset in the system and may also be used to clamp the joints when Prima Smooth is being lowered down a chimney as a chimney liner.					



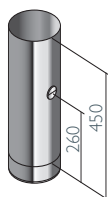
Adjustable Pipe Lengths (200mm)					0.6mm PS085 1mm PS185
SAP Code Painted	0.6mm	125384	126288	119888	119886
	1mm	125385	126287	119884	119883
SAP Code Unpainted	0.6mm	125380	126283	119889	119887
	1mm	125381	126284	119885	119882
Int Ømm		125	150	180	200
Max Adjustment mm		70	70	70	70



Adjustable Pipe Lengths (500mm)					0.6mm PS385 1mm PS485
SAP Code Painted	0.6mm	125382	126285	126976	127583
	1mm	125379	126282	126975	127582
SAP Code Unpainted	0.6mm	125383	126286	126977	127584
	1mm	125358	126252	126948	127556
Int Ømm		125	150	180	200
Min Adjustment mm		80	70	70	80
Max Adjustment mm		370	370	370	370

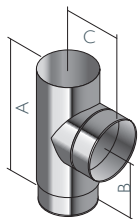


Lowering Pipe					0.6mm PS333 1mm PS433
SAP Code Unpainted	0.6mm	125392	126298	126987	127591
	1mm	125391	126297	126986	127590
Int Ømm		125	150	180	200

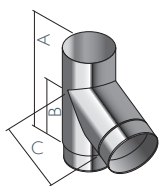


Test Point					
SAP Code Painted	0.6mm	146361	146365	146369	146373
	1mm	146371	146375	146363	146367
SAP Code Unpainted	0.6mm	146360	146364	146368	146372
	1mm	146362	146366	146370	146374
Int Ømm		125	150	180	200

Tees



90° Tee					0.6mm PS014 1mm PS114
SAP Code Painted	0.6mm	111126	111688	119897	119895
	1mm	112205	113028	119990	119988
SAP Code Unpainted	0.6mm	111108	111689	119898	119896
	1mm	111156	111600	119991	119989
Int Ømm		125	150	180	200
A		283	325	450	450
B		118	139	200	200
C		94	109	124	134

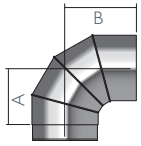


135° Tee					0.6mm PS016 1mm PS116
SAP Code Painted	0.6mm	111334	111909	126973	127580
	1mm	112529	113284	126971	127578
SAP Code Unpainted	0.6mm	111912	111917	126974	127581
	1mm	119987	119986	126972	127579
Int Ømm		125	150	180	200
A		283	325	450	450
B		180	215	295	305
C		178	215	258	281

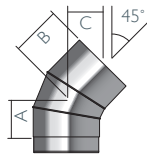


Tee Cap					0.6mm PS017
SAP Code Painted	0.6mm	122595	122596	126992	127596
SAP Code Unpainted	0.6mm	109826	109919	126993	127579
Int Ømm		125	150	180	200

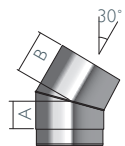
Bends



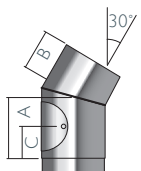
Adjustable 0-90° Bend					0.6mm PS005 1mm PS105
SAP Code Unpainted	0.6mm	110821	111295	009908	009907
	1mm	111870	112484	120003	120003
Int Ømm		125	150	180	200
A mm		127	142	158	176
B mm		174	184	199	216



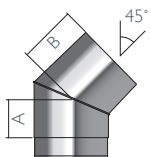
Adjustable 0-45° Bend					0.6mm PS022 1mm PS122
SAP Code Unpainted	0.6mm	125378	126281	126970	127577
	1mm	125377	126280	126969	127576
Int Ømm		125	150	180	200
A mm		92	95	95	95
B mm		129	135	139	146
C mm		91	96	99	103



30° Bend					0.6mm PS070 1mm PS170
SAP Code Painted	0.6mm	110194	110488	119919	119917
	1mm	120022	111145	120016	120014
SAP Code Unpainted	0.6mm	110213	110494	119920	119918
	1mm	110258	110493	120017	120015
Int Ømm		125	150	180	200
A		50	50	50	50
B		98	98	98	98

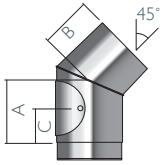


30° Inspection Bend					0.6mm PS039 1mm PS139
SAP Code Unpainted	0.6mm	111004	111356	119923	119921
	1mm	112023	112604	120020	120018
SAP Code Painted	0.6mm	110989	111352	119924	119922
	1mm	110938	111320	120021	120019
Int Ømm		125	150	180	200
A mm		181	181	181	181
B mm		98	98	98	98
C mm		100	100	100	100
Inspection Hole Ø mm		100	130	130	130

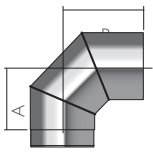


45° Bend					0.6mm PS015 1mm PS115
SAP Code Painted	0.6mm	121422	110717	119911	119909
	1mm	122589	120013	120007	120005
SAP Code Unpainted	0.6mm	110468	110720	119912	119910
	1mm	110515	110707	120008	120006
Int Ømm		125	150	180	200
A mm		73	73	73	73
B mm		122	122	122	122

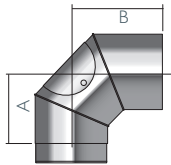
Bends



45° Inspection Bend					0.6mm PS044 1mm PS144
SAP Code Painted	0.6mm	122594	111335	119915	119913
	1mm	121423	120004	120011	120009
SAP Code Unpainted	0.6mm	110875	111332	119916	119914
	1mm	110948	111324	120012	120010
Int Ømm		125	150	180	200
A mm		155	155	155	155
B mm		122	122	122	122
C mm		94	94	94	94
Inspection Hole Ø mm		100	130	130	130

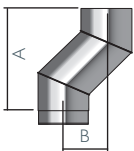


90° Bend					0.6mm PS051 1mm PS151
SAP Code Painted	0.6mm	122590	111106	119901	119899
	1mm	122591	120001	119995	119993
SAP Code Unpainted	0.6mm	110881	111117	119902	119900
	1mm	110852	111151	119996	119994
Int Ømm		125	150	180	200
A mm		131	131	134	134
B mm		190	190	184	184

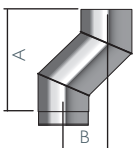


90° Inspection Bend					0.6mm PS028 1mm PS128
SAP Code Painted	0.6mm	122592	111353	119905	119903
	1mm	122593	119992	119999	119997
SAP Code Unpainted	0.6mm	110883	111354	119906	119904
	1mm	111019	111323	120000	119998
Int Ømm		125	150	180	200
A mm		131	131	134	134
B mm		190	190	184	184
Inspection Hole Ø mm		100	130	130	130

Integral 45° Offsets

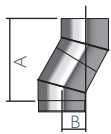


50 mm Offset				
SAP Code Painted	0.6mm	146671	145188	146672
	1mm	COA	COA	COA
SAP Code Unpainted	0.6mm	146668	145187	146669
	1mm	146674	145189	146675
Int Ømm		125	150	180
A mm		300	300	300
B mm		50	50	50



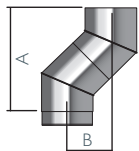
1000 mm Offset				
SAP Code Painted	0.6mm	146680	145191	146681
	1mm	COA	COA	COA
SAP Code Unpainted	0.6mm	146677	145190	146678
	1mm	146683	145192	146684
Int Ømm		125	150	180
A mm		300	300	300
B mm		100	100	100

Offsets (made by assembling 2 bends)



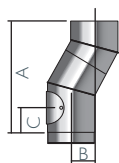
30° Offset

Int Ømm	125	150	180	200
A mm	276	276	276	276
B mm	74	74	74	74



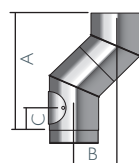
45° Offset

Int Ømm	125	150	180	200
A mm	333	333	333	333
B mm	138	138	138	138



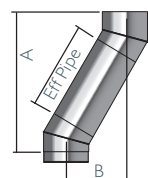
30° Offset (using Inspection Bend)

Int Ømm	125	150	180	200
A mm	407	407	407	407
B mm	74	74	74	74
C mm	100	100	100	100



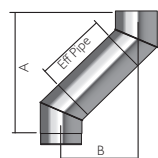
45° Offset (using Inspection Bend)

Int Ømm	125	150	180	200
A mm	415	415	415	415
B mm	138	138	138	138
C mm	94	94	94	94



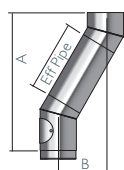
30° Offset with standard Pipe lengths

Int Ømm		125	150	180	200
Effective Pipe 950	A mm	1099	1099	1099	1099
	B mm	549	549	549	549
Effective Pipe 450	A mm	666	666	666	666
	B mm	299	299	299	299
Effective Pipe 200	A mm	449	449	449	449
	B mm	174	174	174	174



45° Offset with standard Pipe lengths

Int Ømm		125	150	180	200
Effective Pipe 950	A mm	1005	1005	1005	1005
	B mm	810	810	810	810
Effective Pipe 450	A mm	651	651	651	651
	B mm	456	456	456	456
Effective Pipe 200	A mm	474	474	474	474
	B mm	279	279	279	279

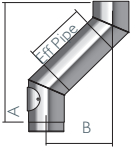


30° Offset using Inspection Bend

Int Ømm		125	150	180	200
Effective Pipe 950	A mm	1230	1230	1230	1230
	B mm	549	549	549	549
Effective Pipe 450	A mm	797	797	797	797
	B mm	299	299	299	299
Effective Pipe 200	A mm	580	580	580	580
	B mm	174	174	174	174

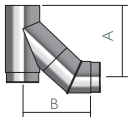
COA: code on application

Offsets (made by assembling 2 bends)



45° Offset with standard Pipe lengths (using Inspection Bend)

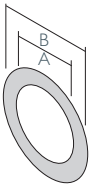
Int Ømm		125	150	180	200
Effective Pipe 950	A mm	1087	1087	1087	1087
	B mm	810	810	810	810
Effective Pipe 450	A mm	733	733	733	733
	B mm	456	456	456	456
Effective Pipe 200	A mm	556	556	556	556
	B mm	279	279	279	279



Offsets for 135° Tee & 45° Bend

Int Ømm		125	150	180	200
A mm		348	386	432	458
B mm		315	348	424	430

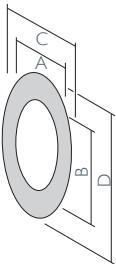
Trim Collars



1 Piece Trim Collar 90°

0.6mm 9580P

SAP Code Painted	0.6mm	COA	126337	127039	127643
SAP Code Unpainted	0.6mm	COA	164279	127038	127642
Int Ømm		125	150	180	200
A mm		129	154	184	204
B mm		275	300	330	350

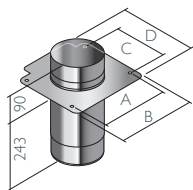


1 Piece Trim Collar 45°

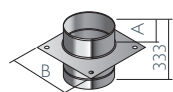
0.6mm 9589P

SAP Code Painted	0.6mm	COA	147394	126613	127187
SAP Code Unpainted	0.6mm	134014	125887	126612	127186
Int Ømm		125	150	180	200
A mm		129	154	184	204
B mm		181	215	259	287
C mm		275	300	330	350
D mm		376	412	454	483

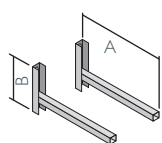
Support Components



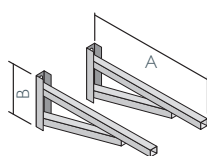
Support Plate					0.6mm PS0F1 1mm PS1F1
SAP Code Unpainted	0.6mm	125396	126302	126991	127595
	1mm	125395	126301	126990	127594
Int Ømm		125	150	180	200
A mm		185	210	240	260
B mm		221	246	276	296
C mm		105	130	160	180
D mm		190	215	245	265
Pipe length is adjustable to allow for thermal expansion.					



Expansion Joint					0.6mm PS031 1mm PS131
SAP Code Unpainted	0.6mm	125155	125848	126582	127161
	1mm	125156	125849	126583	127162
Int Ømm		125	150	180	200
A mm		60	60	60	60
B mm		400	400	400	400
Pipe length is adjustable to allow for thermal expansion.					



Cantilever Support			Type 325 95420001 Type 475 95420002
SAP Codes		101742	101743
Type		325	475
Ømm Range		125-200	125-200
A mm		325	475
B mm		242	242

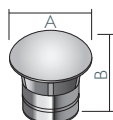


Cantilever Support			Type 570 95420003
SAP Codes			101744
Type			570
Ømm Range			125-200
A mm			570
B mm			330

Terminals



Raincap Locking Band					0.6mm S030
SAP Code Unpainted	0.6mm	144487	144489	144490	144491
Int Ømm		125	150	180	200

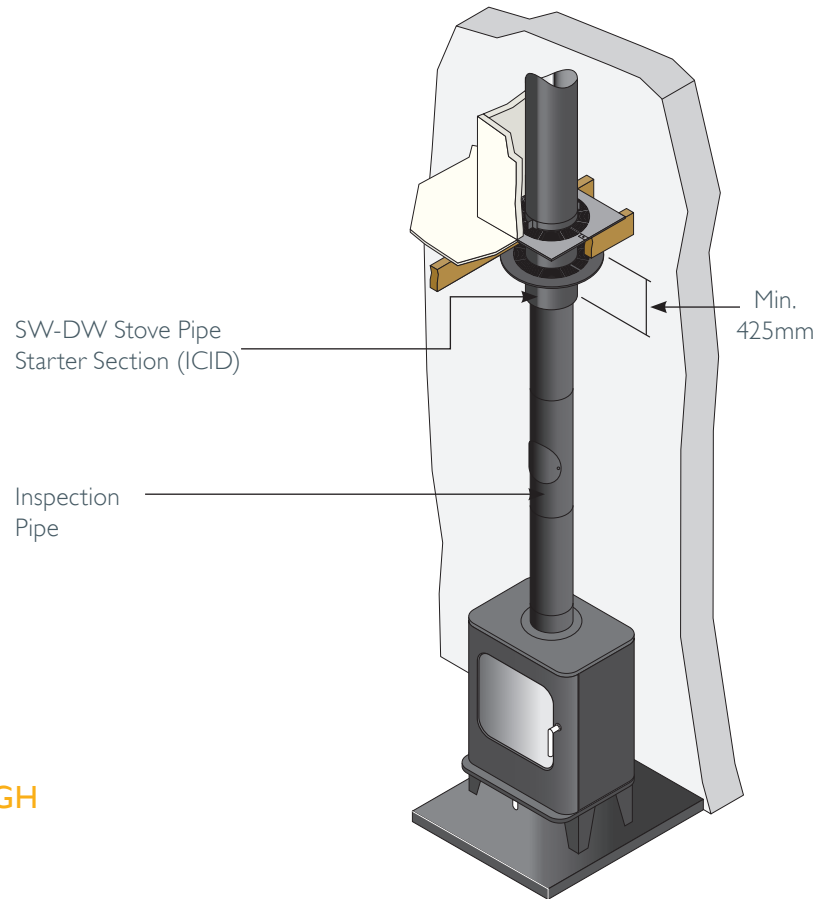


Raincap					0.6mm S036
SAP Code Unpainted	0.6mm	125161	110761	111525	111556
Int Ømm		125	150	180	200
A mm		266	266	362	362
B mm		139	158	180	183
This component is designed to be used exclusively in conjunction with the Expansion Joint at the top of an existing masonry stack.					

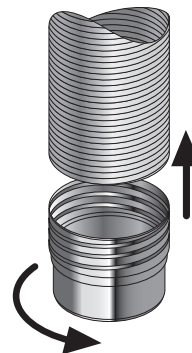
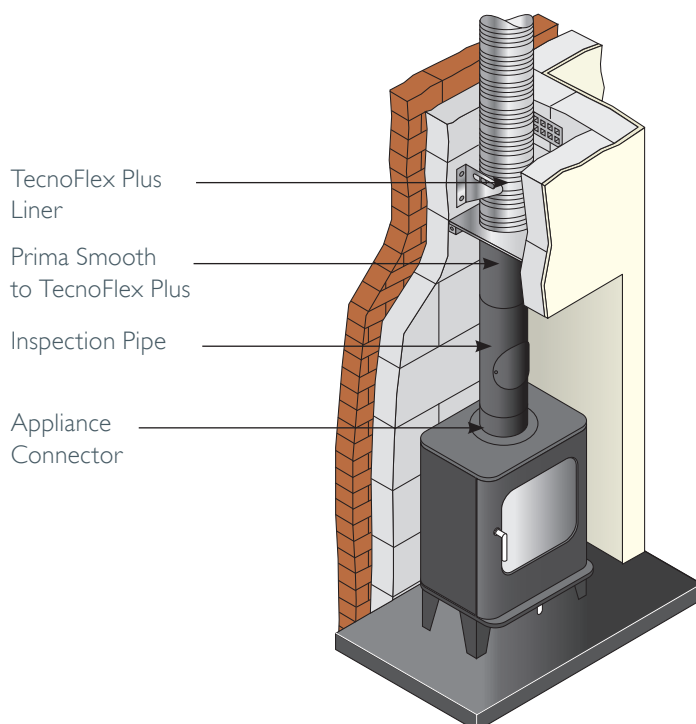
COA: code on application

Typical Installations

CONNECTION TO INTERNAL SYSTEM CHIMNEY

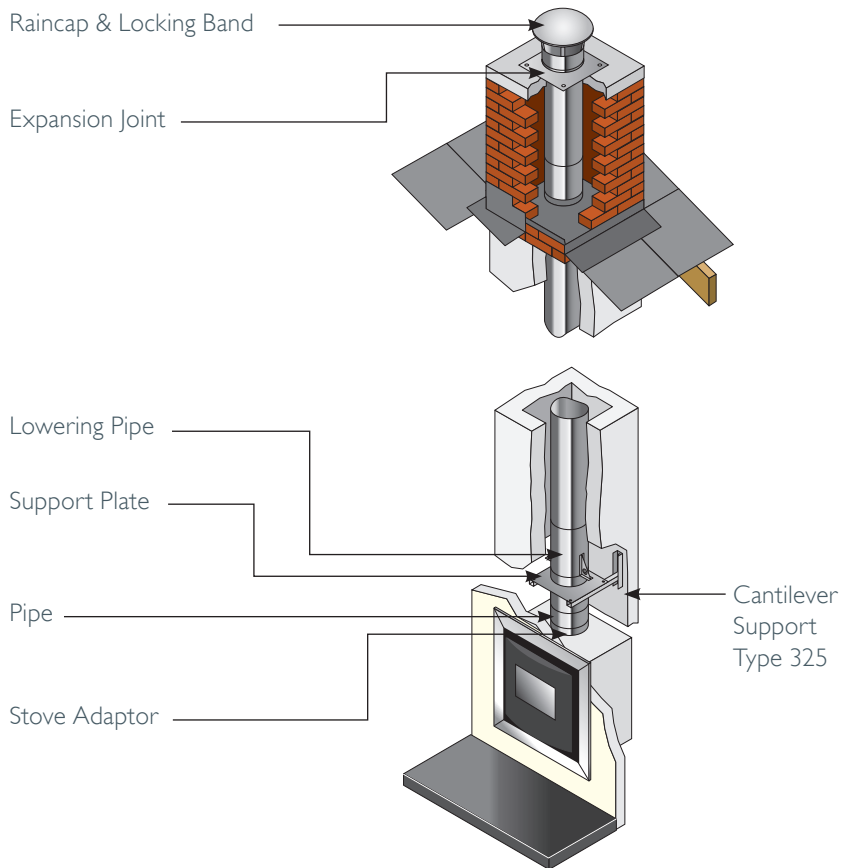


CONNECTION TO FLEX THROUGH FIREPLACE RECESS

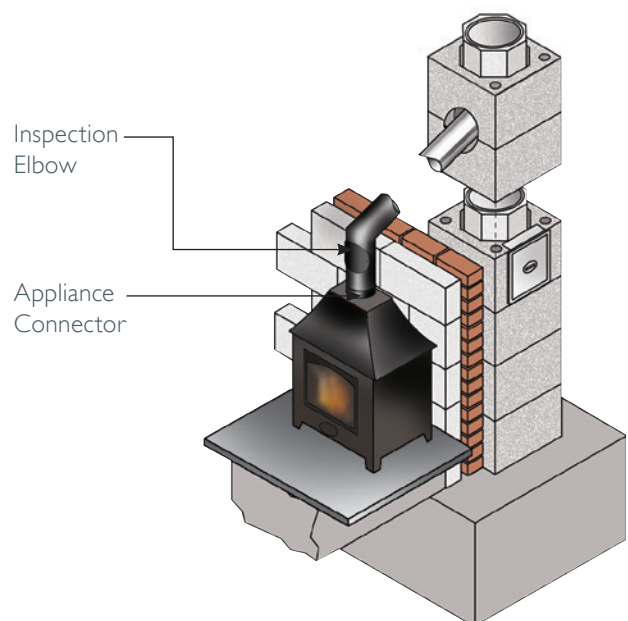


Typical Installations

CHIMNEY LINER ON INSET FIRE



CONNECTION TO MODULAR PUMICE OR CERAMIC SYSTEM CHIMNEY



Useful Guides

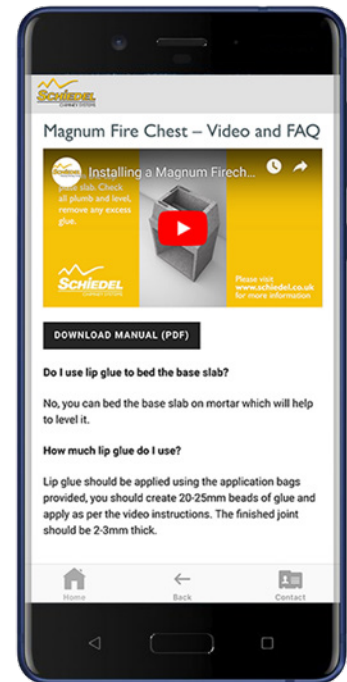
THE SCHIEDEL INSTALLATION APP

This handy mobile guide can be used on mobile devices and touchscreen tablets.

It offers a number of very useful guides on all aspects of installing an appliance using Schiedel Chimney Systems, including:

- Quick and straightforward reference for installers.
- Video breakdowns of each stage of the installation process, from connection to the appliance through to termination.
- Highlighting the safety critical areas where the chimney penetrates the floors, ceilings, roof and walls.
- Incorporates frequently asked questions information at each stage of the installation process, in line with building regulations.
- An easy-to-use system for downloading full product information and installation instructions.
- Register your Guarantee in the App.

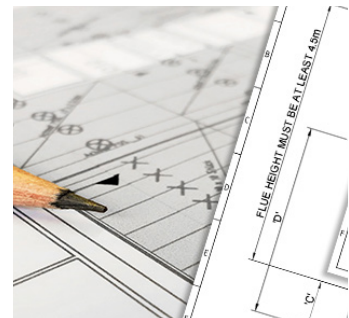
Download the iPhone and iPad version in the App Store and Android version in the Google Play Store.



DOWNLOADS SPECIALIST CENTRE

We have a comprehensive range of CAD cells, typical installations using Isokern Pumice components and other diagrams, which are ideal resources for architects and builders when designing a chimney system for a new build or renovation

Visit our website and head over to the **SPECIALIST CENTRE** which can be found under the **SCHIEDEL WORLD** menu, or contact us and we will send a USB stick with all the relevant information and downloads on.



Schiedel Installer Rewards

Exciting news from Schiedel Chimney Systems for Stove and Chimney Installers! Whenever you register an installation with our easy to use, online guarantee registration portal, you will now accrue points based on the number of installations and installation type.

Once you have reached a minimum of 25 points, you can begin to redeem them for £25 Love2Shop vouchers.

So head on over to the portal and start to register your installations to start earning points!



Complementary Products and Services from Schiedel Chimney Systems



ICID PLUS

The NEW highly Insulated Twin Wall System Chimney for traditional stoves, pellet stoves, biomass appliances, mini/micro CHP and condensing boilers capable of withstanding positive pressure.

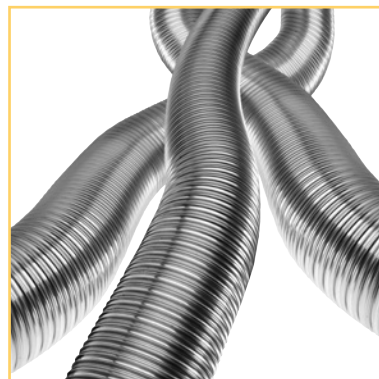
- Easy twist lock connection
- Effective insulation
- 100-200mm Internal diameter range



PRIMA PLUS

Single Wall Stainless Steel Flue System

- Prima Plus available 0.6mm or 1mm options for domestic multi-fuel stoves
- Prima Plus for large residential & commercial condensing gas & oil appliances & chimney relining
- 80-300mm Diameter range



TECNOFLEX PLUS

For relining existing chimneys to take gas, oil, wood, multi-fuel appliances and open fires.

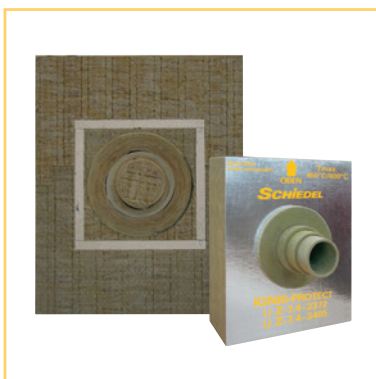
- Twin skin TecnoFlex Plus available in 316L or 904L options for oil, wood, multi-fuel & open fires
- 80-300mm Diameter range



ICS

Twin Wall Insulated System Chimney for gas, oil and multi-fuel applications.

- Simple push-fit jointing system
- High efficiency Superwool insulation blanket
- Capillary break prevents moisture being drawn through the joint
- 80-300mm Diameter range



IGNIS-PROTECT

Designed specifically for Air Tight, Energy Efficient and Timber Framed Buildings

- Suitable for SW and DW connecting flue pipes passing through interior or exterior walls made of combustible materials
- Available in both 90° and 45° version



DM & LINERS

Pumice System Chimneys, Firechests and Liners.

- Pumice is a natural insulator, able to maintain the temperature of flue gases
- Lightweight – allowing one person to lift and build the chimney units
- Pumice expands and contracts less with temperature change than other chimney systems.

SCHIEDEL

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www.schiedel.com/uk

SCHIEDEL INSTALLER REWARDS

Exciting news from Schiedel Chimney Systems! Whenever you register an installation with our easy to use, online guarantee registration portal, you will now accrue points based on the number of installations and installation type to redeem for Love2Shop vouchers!



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INDUSTRIES COMPANY