

# Pumice

Isokern – Pumice Liner & Chimney System

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**6.2**

# Isokern

Suitable for: Woodburning, Solid Fuel, Gas & Oil

Designation Number: DM system – TT450 N1 D 3 G(00), Liner system – T450 N2 D 3 G

Condensing	Locking Bands Req.	Locking Bands Inc.	Distance to Combustibles	Material	Insulation Thickness	Manufacturer	Manufactured in the UK	Warranty
X	✓ Only for Bends	X	0 on straight systems with ventilated terminal, 38mm on offset & unventilated systems	Pumice	–	Schiedel	X	10 years

Product Description	Diameter	Part No.	Price
<b>Liner &amp; Accessories</b>			
 <b>Stainless Steel Adaptor</b> Adaptor from connecting flue pipe to Support Block	125mm	40U00130	£46.98
	150mm	40U00150	£52.46
	175mm	40U00175	£55.15
	200mm	40U00200	£57.79
	225mm	40U00225	£64.90
	250mm	40U00250	£99.55
 <b>Increasing Stainless Steel Adaptor</b> Increasing Adaptor from connecting flue pipe to Liner Support Block	125 – 150mm	40I125150	£58.75
	150 – 175mm	40I150175	£66.75
	150 – 200mm	40I150200	£66.75
	175 – 200mm	40I175200	£66.75
	200 – 225mm	40I200225	£70.51
 <b>Liner Support Block</b> Square Support Block with lower spigot for Adaptor connection	150mm	40C40120	£30.76
	175mm	40C40122	£36.18
	200mm	40C40121	£41.61
	225mm	4040127	£56.27
	250mm	4040150	£61.09
 <b>Support Plate</b> Used underneath the Liner Support Block and Liners above lintel	150mm	40SP200	£38.34
	175 / 200mm	40SP250	£44.51
	 <b>Support Lintel</b> Pair – 1500 x 140 x 140mm. Max load 3250kg		40LSL
 <b>600mm Rebated Liner</b> Round straight length Liner	150mm	4010015	£32.66
	175mm	4010017	£39.14
	200mm	4010020	£40.74
	225mm	4010022	£53.19
	250mm	4010025	£60.10
300mm	4010030	£77.54	

Product Description	Diameter	Part No.	Price
 <b>45° Bend</b> Liner bend used to change flue direction	150mm	4010812	£44.20
	175mm	4010815	£57.33
	200mm	4010818	£59.53
	225mm	4010821	£70.51
	250mm	4010824	£86.23
	300mm	4010827	£108.09
 <b>15° Bend</b> Liner bend used to change flue direction	150mm	4010810	£44.20
	175mm	4010813	£57.33
	200mm	4010816	£60.12
	225mm	4010819	£70.51
	250mm	4010822	£86.23
 <b>30° Bend</b> Liner bend used to change flue direction	150mm	4010811	£44.20
	175mm	4010814	£57.33
	200mm	4010817	£59.53
	225mm	4010820	£70.51
	250mm	4010823	£86.23
 <b>45° T Liner</b> Allows sweeping access below flue connection. 600mm high	150mm	40T4510015	£117.97
	175mm	40T4510017	£122.90
	200mm	40T4510020	£129.13
 <b>Steel Collars</b> Liner collar used for extra support on offsets and cut lengths	150mm	4010216	£4.99
	175mm	4010217	£6.28
	200mm	4010220	£6.48
	225mm	4010222	£7.83
	250mm	4010225	£9.00
300mm	4010230	£10.79	
 <b>Rebated Access Block</b> Used in conjunction with either the Soot Door or Insulated Plug	150mm	4010415	£18.06
	175 / 200mm	4010420	£34.34
 <b>Leca (50 litres)</b> Used to insulate the pumice liners by backfilling the chimney		4050301	£16.40

From 1st April 2018  
+ 3%

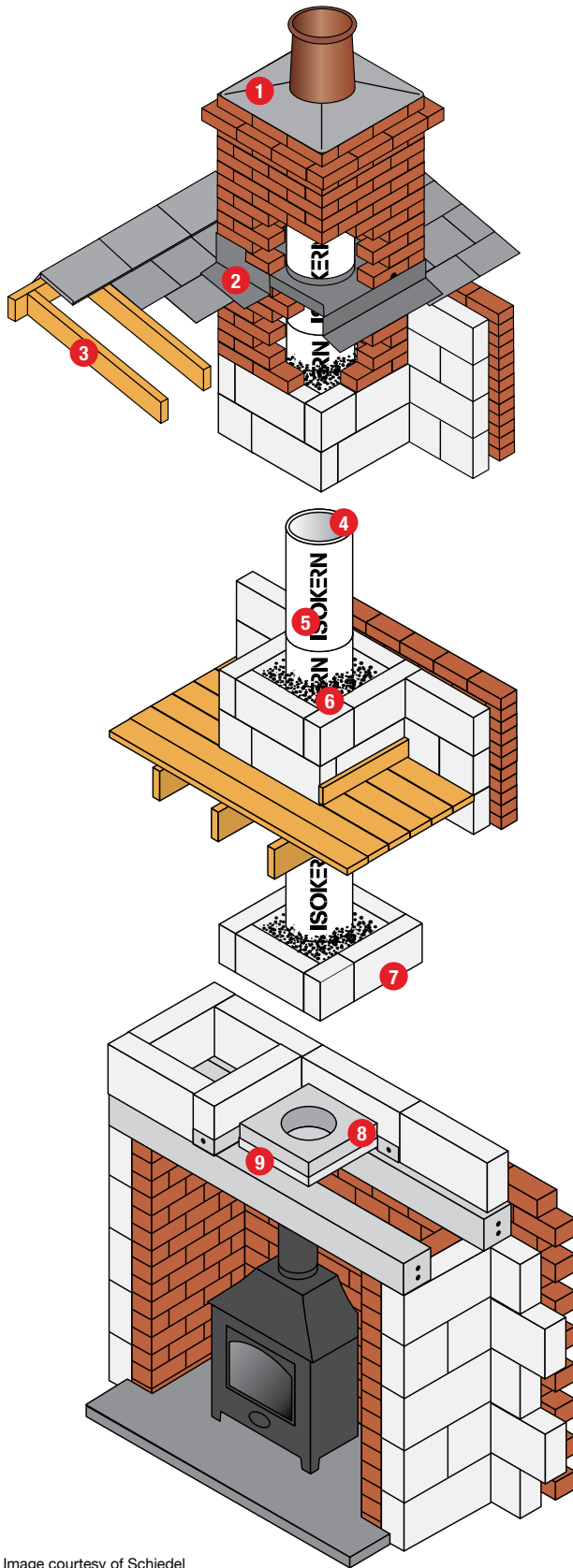













Image courtesy of Schiedel

- 1** Sand/Cement flaunching around flue under or chimney pot
- 2** Lead tray and flashing
- 3** Structural timber 40mm from outside of chimney or 200mm from inside flue liner
- 4** Joints sealed with lip glue
- 5** Standard flue liners with socket uppermost
- 6** Void filled with Leca insulation mix
- 7** 7N Blockwork
- 8** Support block for stove connection
- 9** Support plate

Product Description	Diameter	Part No.	Price
 <b>Lip Glue</b> Powdered pumice when mixed with water creates a glue for all joints		4050303	£12.64
<b>DM36</b>			
 <b>Stainless Steel Adaptor</b> Adaptor from connecting flue pipe to Support Block	150mm	40U00150	£52.46
 <b>Increasing Stainless Steel Adaptor</b> Increasing Adaptor from connecting flue pipe to Liner Support Block	125 – 150mm	40I125150	£58.75
 <b>Support Block</b> 360mm Square Support Block with lower spigot for Adaptor connection	150mm	4040124	£41.54
 <b>Starter Flue Block 125mm high</b> Used as the first block after the Support Block for the DM system to build up from	150mm	40S801501	£20.47
 <b>360mm Square Casing 250mm high</b> Outer casing used around every Flue Block	150mm	40S803636	£23.79
 <b>Flue Block 250mm high</b> Used inside the casings to create the inner liner	150mm	40S801525	£20.47
 <b>360mm Square Access Casing 250mm high</b> Square Casing with a 220mm id access hole	150mm	40S803637	£40.80
 <b>360mm Square Casing &amp; Soot Door 250mm high</b> Square casing with soot door 250mm high	150mm	40S803641	£152.99
 <b>45° Flue Entry Kit</b> 4 Part Entry Kit allows entry into the system at a 135 deg angle 500mm high	150mm	40S803645	£139.55
 <b>Offset Block 150mm high</b> Used to create offsets within stack – equivalent of 30 deg angle	150mm	4080143	£54.12
 <b>Corbel for Brickwork 75mm high</b> 570mm Square Corbel for brickwork – used at rafter height to start brick stack surround	150mm	4080113	£65.09

Product Description	Diameter	Part No.	Price
 <b>Capping for Render</b> Top Capping for use when rendering stack	150mm	4080320	£48.02
 <b>Capping for Brickwork</b> Top Capping for use on brickwork surrounding stack	150mm	4080321	£70.68
 <b>Wall Tie</b> Attaches external chimneys to structure at max intervals of 1.5m 2 must be used each time		40CT0001	£6.44
 <b>1m Reinforcement Rod</b> Steel Reinforcement Rods needed for chimneys where height exceeds 1400mm above roof line see brochure for full details.		4040300	£9.68
 <b>Lip Glue</b> Powdered pumice when mixed with water creates a glue for all joints		4050303	£12.64
<b>DM44</b>			
 <b>Stainless Steel Adaptor</b> Adaptor from connecting flue pipe to Support Block	200mm	40U00200	£57.79
 <b>Increasing Stainless Steel Adaptor</b> Increasing Adaptor from connecting flue pipe to Liner Support Block	150 – 200mm	40I150200	£66.75
	175 – 200mm	40I175200	£66.75
 <b>Support Block</b> 440mm Square Support Block with lower spigot for Adaptor connection	180mm	4040126	£53.07
	200mm	4040128	£54.06
 <b>Starter Flue Block 150mm high</b> Used as the first block after the Support Block for the DM system to build up from	180mm	40S70226	£23.11
	200mm	40S70221	£23.55
 <b>440mm Square Casing 300mm high</b> Outer casing used around every Flue Block	180 / 200mm	40S44433	£31.62
 <b>Flue Block 300mm high</b> Used inside the casings to create the inner liner	180mm	40S70218	£26.51
	200mm	40S70220	£27.18

Free standing stove with external chimney and preformed flue entry kit

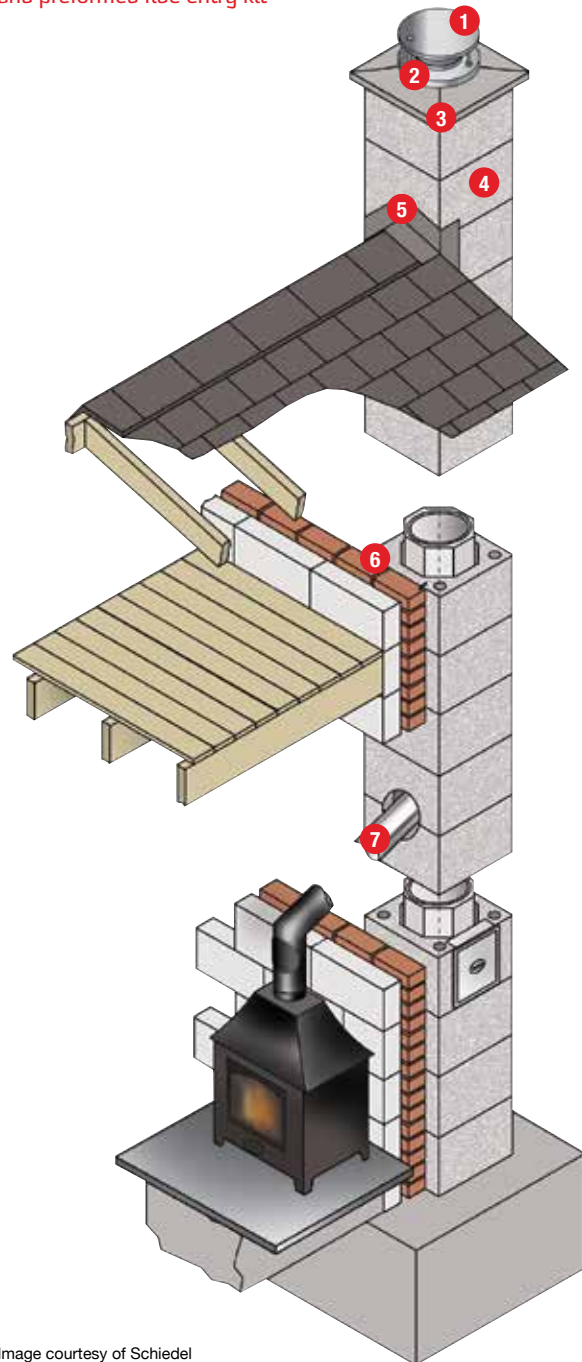


Image courtesy of Schiedel

- 1 Raincap
- 2 Top ring
- 3 Casing rendered above roof
- 4 Capping for rendered chimney stack
- 5 Lead flashing
- 6 2 x casing ties at maximum intervals of 1.5 metres
- 7 Flue pipe fitted into access casing at 45°

From 1st April 2018  
+ 3%



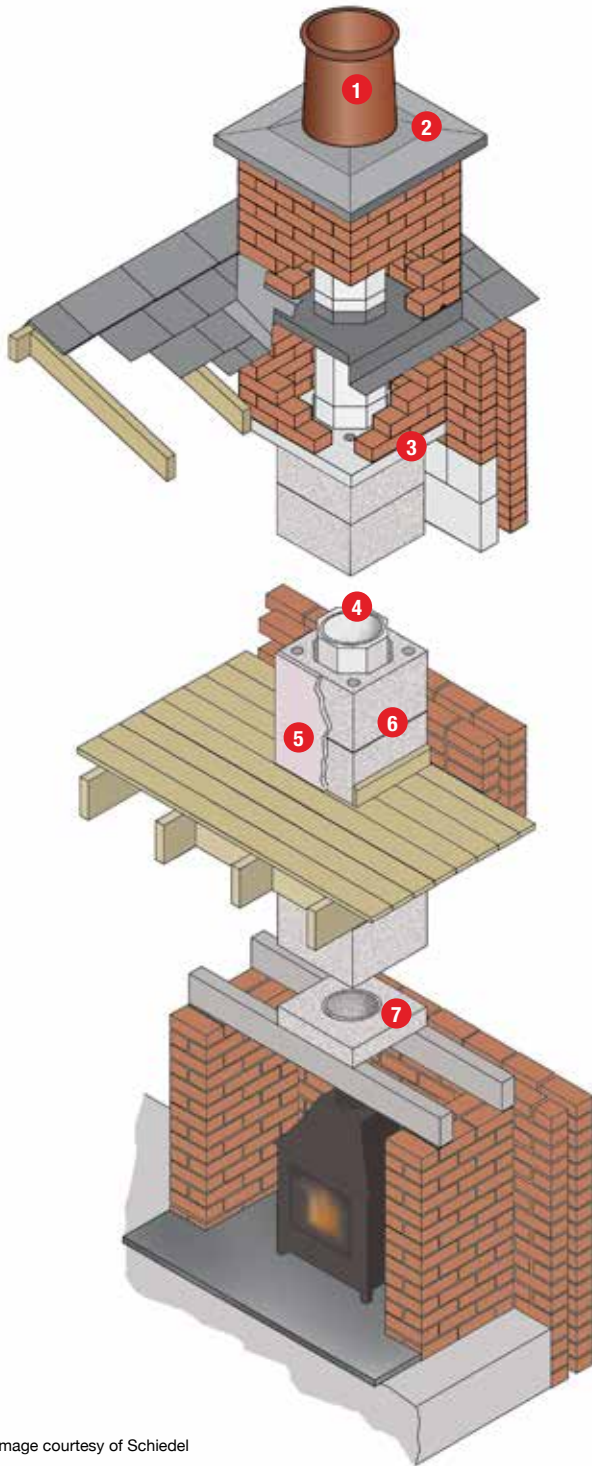


Image courtesy of Schiedel

- 1 Chimney Pot
- 2 Capping for brick chimney stack
- 3 Corbel for brick stock
- 4 Flue blocks installed with socket uppermost
- 5 Outer casings dry lined or plastered
- 6 Staggered joints between casing and flue block
- 7 Support block and adaptor for connection to stove pipe

From 1st April 2018  
+ 3%

Product Description	Diameter	Part No.	Price
 <b>440mm Square Access Casing 300mm high</b> Square Casing with a 220mm id access hole	180 / 200mm	40S44437	£54.00
 <b>440mm Square Casing &amp; Soot Door 300mm high</b> Square casing with soot door 300mm high	180 – 200mm	40S44441	£152.86
 <b>45° Flue Entry Kit</b> 4 Part Entry Kit allows entry into the system at a 135 deg angle 500mm high	180mm	40S44446	£156.31
	200mm	40S44445	£156.31
 <b>Offset Block 150mm high</b> Used to create offsets within stack – equivalent of 30 deg angle	200mm	4040129	£60.59
 <b>Offset Block 100mm high</b> Used to create offsets within stack – equivalent of 30 deg angle	180mm	4040139	£53.32
	200mm	4040130	£53.32
 <b>Corbel for Brickwork 75mm high</b> 650mm Square Corbel for brickwork – used at rafter height to start brick stack surround	180 / 200mm	4040110	£70.64
 <b>Offset Corbel for Brickwork 75mm high</b> 650mm x 560mm Corbel for brickwork – used at rafter height to start brick stack surround	180 / 200mm	4040114	£70.64
 <b>T Corbel for Brickwork 75mm high</b> 740mm T Corbel for external brickwork – used at rafter height to start brick stack surround	180 / 200mm	4040115	£114.83





**Do you need?**

Chimney Cows

See page 7.5









Product Description	Diameter	Part No.	Price
 <b>Capping for Render</b> Top Capping for use when rendering stack	180 / 200mm	4040320	<b>£48.02</b>
 <b>Capping for Brickwork</b> Top Capping for use on brickwork surrounding stack	180 / 200mm	4040321	<b>£70.64</b>
 <b>Wall Tie</b> Attaches external chimneys to structure at max intervals of 1.5m 2 must be used each time		40CT0001	<b>£6.44</b>
 <b>1m Reinforcement Rod</b> Steel Reinforcement Rods needed for chimneys where height exceeds 1400mm above roof line see brochure for full details.		4040300	<b>£9.68</b>
 <b>Lip Glue</b> Powdered pumice when mixed with water creates a glue for all joints		4050303	<b>£12.64</b>







**DM54**









 <b>Stainless Steel Adaptor</b> Adaptor from connecting flue pipe to Support Block	300mm	40U00300	<b>£156.57</b>
 <b>Support Block</b> 545mm Square Support Block with lower spigot for Adaptor connection	300mm	4040160	<b>£66.07</b>
 <b>Starter Flue Block 150mm high</b> Used as the first block after the Support Block for the DM system to build up from	300mm	40S70002	<b>£32.79</b>
	345mm	40S70003	<b>£32.79</b>
 <b>540mm Square Casing 300mm high</b> Outer casing used around every Flue Block	300 / 345mm	40S45433	<b>£55.97</b>
 <b>Flue Block 300mm high</b> Used inside the casings to create the inner liner	300mm	40S70230	<b>£35.55</b>
	345mm	40S70235	<b>£36.08</b>
 <b>Offset Block 150mm high</b> Used to create offsets within stack – equivalent of 30 deg angle	300mm	4040133	<b>£73.29</b>
	345mm	4040136	<b>£73.29</b>

**From 1st April 2018  
+ 3%**

Product Description	Diameter	Part No.	Price
 <b>Corbel for Brickwork 75mm high</b> 800mm Square Corbel for brickwork – used at rafter height to start brick stack surround	300 / 345mm	4040111	<b>£83.09</b>
 <b>Capping for Render</b> Top Capping for use when rendering stack	300 / 345mm	4040322	<b>£64.23</b>
 <b>Capping for Brickwork</b> Top Capping for use on brickwork surrounding stack	300 / 345mm	4040323	<b>£76.00</b>
 <b>Wall Tie</b> Attaches external chimneys to structure at max intervals of 1.5m 2 must be used each time		40CT0001	<b>£6.44</b>
 <b>1m Reinforcement Rod</b> Steel Reinforcement Rods needed for chimneys where height exceeds 1400mm above roof line see brochure for full details.		4040300	<b>£9.68</b>
 <b>Lip Glue</b> Powdered pumice when mixed with water creates a glue for all joints		4050303	<b>£12.64</b>

<b>Firechests / Gathers</b>			
 <b>Magnum Firechest 500</b> For use with 200mm internal flue diameter – liners or DM systems		4080120	<b>£822.81</b>
 <b>Magnum Firechest 950</b> For use with 350mm internal flue diameter – liners or DM systems		4082036	<b>£860.09</b>
 <b>Magnum Firechest 1100</b> For use with 350mm internal flue diameter – liners or DM systems		4082042	<b>£1,154.07</b>
 <b>Magnum Firechest 1200</b> For use with 350mm internal flue diameter – liners or DM systems		4082048	<b>£1,447.26</b>
 <b>Standard Firechest</b> Firechest for open fire 660mm High x 690mm Wide.		4085022	<b>£173.08</b>
 <b>Standard Liner Gather</b> Gather for use with Standard Firechest using Rebated Liners		4085020	<b>£170.43</b>

Product Description	Diameter	Part No.	Price
 <b>DM44 Gather</b> Gather for use with Standard Firechest using DM44 Chimney System		4085021	<b>£170.43</b>
 <b>Concrete Gather</b> For use with existing fireplace opening	200mm	40C15	<b>£76.88</b>
 <b>Concrete Gather</b> For use with existing fireplace opening	225mm	40C16	<b>£76.88</b>
 <b>Concrete Gather</b> For use with existing fireplace opening	250mm	40C17	<b>£97.09</b>
 <b>Concrete Gather</b> For use with existing fireplace opening	300mm	40C18	<b>£110.02</b>
 <b>Firebrick 230 x 114 x 25mm Buff</b> Used to line Firechest sides		4000179	<b>£2.43</b>
 <b>Firebrick 230 x 114 x 50mm Buff</b> Used to line Firechest base		4000180	<b>£4.50</b>
 <b>Firebrick Mortar 20kg</b> Used to adhere firebricks to firechest		4050383	<b>£42.72</b>

From 1st April 2018  
+ 3%



## Do you need?

Chimney Pots

See page 7.9 or for a wider selection speak to our Sales Team



Lip Glue Chart			
Int. Diameter of Liners & Flue Blocks	Ext. Diameter of Liner	Int. Area of Liner	Approx. Joints per Bag
150mm	200mm	177cm <sup>2</sup>	16
175mm	235mm	240cm <sup>2</sup>	14
200mm	250mm	314cm <sup>2</sup>	12
225mm	285mm	397cm <sup>2</sup>	11
250mm	310mm	491cm <sup>2</sup>	10
300mm	360mm	707cm <sup>2</sup>	9
350mm	416mm	962cm <sup>2</sup>	7
400mm	470mm	1256cm <sup>2</sup>	6
450mm	530mm	1590cm <sup>2</sup>	5
500mm	590mm	1963cm <sup>2</sup>	5
600mm	710mm	2826cm <sup>2</sup>	4
DM36 Casing			6
DM44 Casing			5
DM54 Casing			4
DM36 Offset Blocks			5
DM44 Offset Blocks			4
DM54 Offset Blocks			3

Leca Calculation			
Int. Diameter of Liner	Ext. Diameter of Liner	Int. Size of Chimney	Bags per Linear Metre
150mm	200mm	235 x 235mm	0.48
150mm	200mm	235 x 350mm	1.02
150mm	200mm	350 x 350mm	1.82
175mm	235mm	350 x 350mm	1.58
175mm	235mm	350 x 460mm	2.35
175mm	235mm	460 x 460mm	3.36
200mm	250mm	350 x 350mm	1.47
200mm	250mm	350 x 460mm	2.24
200mm	250mm	460 x 460mm	3.25
225mm	285mm	350 x 350mm	1.17
225mm	285mm	350 x 460mm	1.94
225mm	285mm	460 x 460mm	2.96
250mm	310mm	350 x 350mm	0.94
250mm	310mm	350 x 460mm	1.71
250mm	310mm	460 x 460mm	2.72
300mm	360mm	460 x 460mm	2.2
300mm	360mm	460 x 575mm	3.25
300mm	360mm	575 x 575mm	4.58
350mm	416mm	460 x 460mm	1.51
350mm	416mm	460 x 575mm	2.57
350mm	416mm	575 x 575mm	3.89
400mm	470mm	575 x 575mm	3.14

Firebrick Chart				
Size of Magnum Firechest	25mm Thick Bricks	50mm Thick Bricks	Lip Glue	Firebrick Mortar
500	Included	Included	2	Included
950	40	34	5	2
1100	40	44	6	2
1200	40	48	6	2