



Magma has the capability and capacity to manufacture complete Forehearth assemblies for the container glass industry, including Forehearth Arch Blocks, Burner Blocks, Bottom Blocks and Channels. Additionally, Magma also provides a full range of Glass Expendables, examples being Orifice Rings, Plunger, Feeder Tubes and Spout Bowls.

Our production facilities enable us to accommodate the largest blocks and to machine them to tight tolerances.

In addition, we specialise in the manufacture of precision cast refractories for the float glass industry. Our product range includes Roof Tiles, Hanger Bricks and Entrance/Exit Lintel Blocks.

We have well established production facilities in the UK, and production at our new manufacturing plant in Vietnam commenced in Summer 2014 – this allows us to manufacture high quality refractory parts to our usual exacting standards, whilst enabling us to be extremely competitive on price.

Magma Ceramics & Catalysts
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continued

Our services include:

- In-house mould manufacture
- Surface grinding and cutting facilities
- Pre-assembly facility allowing full customer inspection

Magma supply components in a full range of materials including:

- Sillimanite
- Sintered Mullite
- Fused Mullite
- Zirconia Mullite



Forehearth & Melter

Material Ref:	SiO ₂ (%)	Al ₂ O ₃ (%)	ZrO ₂ (%)	AP (%)	BD (g/ml)	CCS (MN/m ²)	Material:	Application Areas:
S1F	41	55.5	–	23.5	2.15	35	Sillimanite	Roof blocks, burner blocks, zone dividers, pyro & thermocouple tubes, accessories
Z7C	17	52	30	21	2.92	60	Zirconia Mullite	Roof blocks, burner blocks, zone dividers, pyro & thermocouple tubes, accessories, stirrer cover tiles
FM5T	20.5	79	–	19	2.58	50	Mullite	Hot zone roof blocks, burner blocks & accessories, Melter spy hole blocks & burner quarls
SSM6	20.5	78	–	19	2.56	60	Mullite	Forehearth glass channel blocks, spout bowls
SGP	41.5	56	–	20	2.27	60	Sillimanite	Skimmer blocks
S42	52	43.5	–	24.5	2	30	Sillimanite	Regenerator packing shapes
AM91	10	89	–	25.5	2.64	35	Alumina Mullite	Orifice rings
Z7G	17	53	29	18.5	2.97	80	Zirconia Mullite	Spout bowls, sills for coloured, more corrosive glasses
S1LM	40.5	57	–	25	2.12	35	Sillimanite	Sills
S1T	41	55.5	–	23.5	2.15	35	Sillimanite	Sills
SSM7	21	78	–	18	2.58	65	Mullite	More arduous channel applications
Z1	3.5	1.3	63.5	25.5	3.35	25	Zircon	Pyro & thermocouple tubes, accessories
SLT	46	50.5	–	42	1.46	15	Sillimanite	Insulating applications, flue blocks, spout bowl cover tiles
AZ1	9	78	12.5	22	3.02	55	Alumina Zircon	Spout bowls, glass contact accessories

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