

EASYFLOW S

One of the latest additions to our range of products is our new product line of **EasyFlow S molten metal launders**.

EasyFlow S products are made out of a specially designed mixture, which is based on fiber free cement and pure minerals. This unique mix provides an excellent combination of technical properties, like a good thermal performance a smooth hot face surface and high strength.

EasyFlow S is specially designed for the use as molten metal delivery systems (launders).

EasyFlow S launders have excellent characteristics, such as:

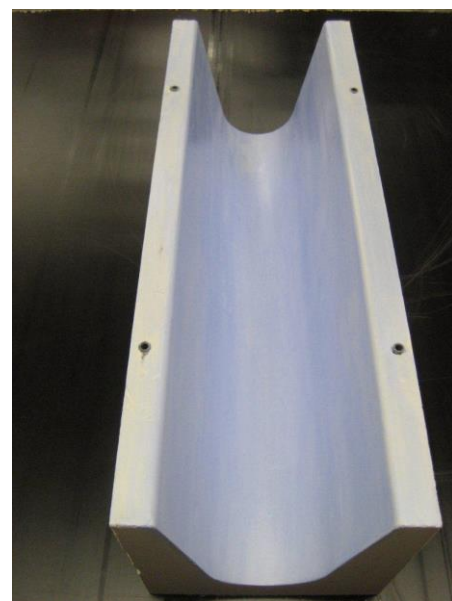
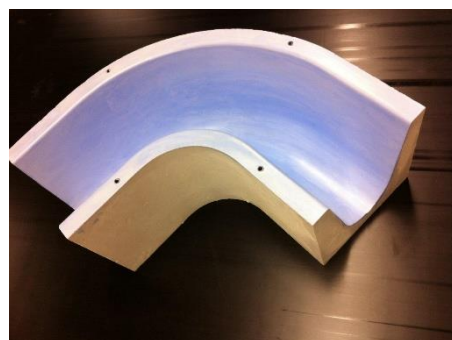
- Virtually thermal shock free
- Excellent insulation value (very low K-factor)
- Low Heat Loss in combination with superior wear resistance
- Excellent non wetting abilities
- Low heat capacity
- Extreme low shrinkage (less than 0,0025% at 700°C)
- Continuous application temperature of 900°C
- High temperature stability (up to 1250°C)
- High strength
- Custom Made

Chemical characteristics

Al ₂ O ₃	18-20%
CaO	22-24%
SiO ₂	57-59%
Fe ₂ O ₃	< 0,3%

Technical Characteristics

Maximum use temperature	1250	°C
Bulk density	1560	kg/m ³
Flexural Strength	3,2	N/mm ²
Hardness	60	shore D
Compressive Strength After 12h/110°C	19	N/mm ²
Coefficient of Thermal Expansion	6,8x10 ⁻⁶	K ⁻¹



EASYFLOW S

EasyFlow S contains no crystalline silica. Crystalline silica is present in nearly all particle-based, fused silica, and castable materials.

EasyFlow S contains no crystalline silica when placed in service and does not convert to crystalline silica when exposed to normal aluminium casting temperatures below 980°C.

EasyFlow S has almost no shrinkage (less than 0,0025% at 700°C).

It has less shrinkage than nearly any refractory available. The low shrinkage of **Easy Flow S** means less time spent refilling joints and cracks. Low shrinkage also extends the life of the refractory by reducing internal and external stresses created as the material shrinks.

EasyFlow S contains no organic substances which could lead to off-gassing. No off-gassing removes a possible cause of metal contamination or metal agitation

All EasyFlow S products are manufactured in our own production facility in the Netherlands.

